

# Converting Colors

HunterLab(66.2009, -25.1172,  
2.7196)

Have a look what the booklet for  
HunterLab(66.2009, -25.1172,  
2.7196) contains.

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# Color

**HunterLab(66.1470,  
-24.9467, 2.5695)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 74BEB2                       |
| RGB         | 116, 190, 178                |
| RGB Percent | 45%, 75%, 70%                |
| CMY         | 0.5451, 0.2549, 0.3020       |
| CMYK        | 0.39, 0.00, 0.06, 0.25       |
| HSL         | 170°, 36%, 60%               |
| HSV         | 170°, 39%, 75%               |
| XYZ         | 33.6518, 43.7543, 48.7912    |
| YIQ         | 166.5060, -40.2520, -19.4200 |

# Conversions

## Conversions Part 2

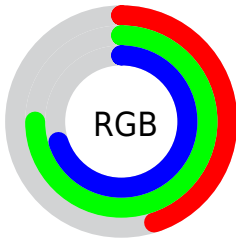
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 116, 156, 190                 |
| Decimal                             | 7650994                       |
| CIELab                              | 72.07, -25.87, -1.21          |
| CIELCh                              | 72, 25.895, 182.681           |
| Yxy                                 | 43.7560, 0.2667,<br>0.3467    |
| Android<br>(android.graphics.Color) | 4285841074<br>(0xFF74BEB2)    |
| YUV                                 | 166.5060, 5.6665,<br>-44.2938 |
| Hunter-Lab                          | 66.1470, -24.9467,<br>2.5695  |

# Details

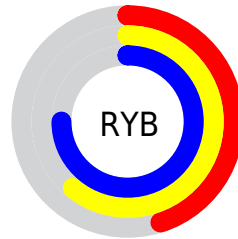
The HunterLab color  $66.1470, -24.9467, 2.5695$  is a light color, and the websafe version is hex  $66CCCC$ . A complement of this color would be  $49.9977, 24.5301, 7.0181$ , and the grayscale version is  $61.9505, -3.3055, 3.3659$ .

A 20% lighter version of the original color is  $90.0666, -28.9803, 3.7487$ , and  $44.8477, -20.8014, 1.6207$  is the 20% darker color. If you saturate the color by 10%, you get  $65.1628, -28.9136, 2.7822$ , and if you desaturate by 10%, it is  $67.3195, -20.3509, 2.5845$ .

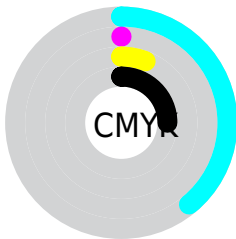
# Distribution



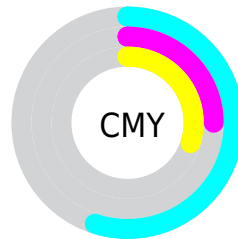
- Red (45%)
- Green (75%)
- Blue (70%)



- Red (45%)
- Yellow (61%)
- Blue (75%)



- Cyan (39%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)




- Cyan (55%)
- Magenta (25%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.1470, -24.9467, 2.5695 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 66.1470, -24.9467, 2.5695 by changing the saturation by 10% instead.





 66.1470, -24.9467,  
2.5695


 66.1470, -24.9467,  
2.5695


190.1872,  
-41.6939, 8.8933


 55.2075, -22.9312,  
2.0341


 89.9169, -28.8316,  
3.7549

 44.9469, -20.8442,  
1.5387


 102.6822,  
-30.7211, 4.3988

 35.4149, -18.6616,  
1.0877


 116.0003,  
-32.5857, 5.0749

 26.6721, -16.3457,  
0.6857

129.8491,  
-34.4309, 5.7818

 18.7977, -13.8344,  
0.3388

144.2089,  
-36.2611, 6.5181

 11.9004, -11.2549,  
0.0562

159.0622,

 4.7814, -8.3675,

-38.0798, 7.2828

-0.7899

174.3931,  
-39.8900, 8.0748

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.1470, -24.9467,  
2.5695

■ 66.1470, -24.9467,  
2.5695

■ 65.1628, -28.9136,  
2.7822

■ 67.3195, -20.3509,  
2.5845

■ 64.3588, -32.2317,  
3.2126

■ 68.6778, -15.1559,  
2.8267

■ 63.7289, -34.9019,  
3.8482

■ 70.2221, -9.4050,  
3.2944

■ 63.2620, -36.9449,  
4.6701


■ 71.9496, -3.1477,  
3.9812


■ 62.9425, -38.4065,


■ 73.8556, 3.5622,


5.6527


4.8772


 62.7394, -39.4011,  
6.7520

 75.9343, 10.6703,  
5.9706

 62.7201, -39.4974,  
6.8688

 78.1788, 18.1233,  
7.2478

 78.9834, 20.8641,  
6.7839

 79.0771, 21.3473,  
5.4453

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.1483, -22.7270, 12.8633



66.1470, -24.9467, 2.5695



66.1483, -21.7757, -9.3164

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.1483, -24.9474, 2.5704



66.1483, 9.3309, -17.5547



66.1483, 7.3410, 20.2194

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66.1470, -24.9467, 2.5695



49.9977, 24.5301, 7.0181

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.1483, 16.9295, 14.3449



66.1470, -24.9467, 2.5695



66.1483, 18.1344, -7.2317

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.1483, -24.9474, 2.5704



66.1483, -2.4552, -22.1527



66.1483, 21.0080, 4.6146



66.1483, -4.6040, 21.9181



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.1470, -24.9467, 2.5695



66.1483, -16.8891, -16.2379



66.1483, 21.0080, 4.6146



66.1483, 10.9747, 18.7259

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66.1483, -24.9474, 2.5704



93.8260, -15.2524, 4.1974



65.3489, -30.9967, 24.7332



43.8369, -7.6319, 1.9259



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.1483, -24.9474, 2.5704



87.8622, -38.3337, 3.6958



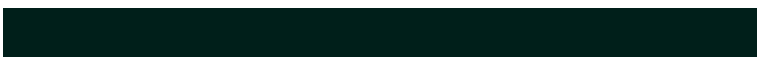
58.7051, -11.4746, -13.2296



32.8363, -4.5147, 1.5311



51.1531, -32.1493, 5.4643



10.1596, -6.1478, 0.5727



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.9977, 24.5301, 7.0181



61.8842, 42.0141, 11.2436



55.8221, 10.5995, 17.0325



30.9208, 1.2592, 2.0127



27.1150, 46.7045, 15.4344

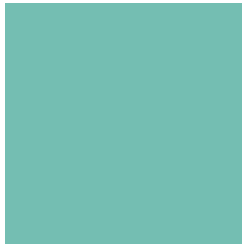


5.4407, 9.5172, 1.9661



# Previews

## White Background



This preview shows how the HunterLab color 66.1470, -24.9467, 2.5695 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 66.1470, -24.9467, 2.5695 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

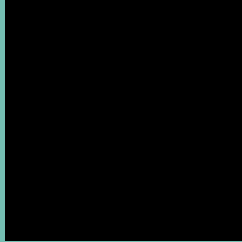
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 66.1470, -24.9467, 2.5695 Background



This preview shows how black text looks on a background with the HunterLab color 66.1470, -24.9467, 2.5695.



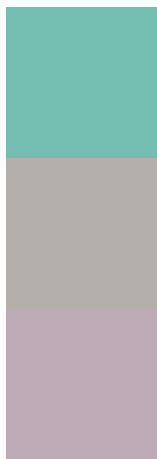
This preview shows how white text looks on a background with the HunterLab color 66.1470,

-24.9467, 2.5695.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

66.1470, -24.9467, 2.5695

### Protanopia

65.7765, -2.7385, 6.2034

### Deuteranopia

65.6308, 4.9609, 0.5480



## Tritanopia

66.2891, -17.8363, -9.4425

# Trichromacy



## Original Color

66.1470, -24.9467, 2.5695

## Protanomaly

65.4429, -11.5084, 4.3061

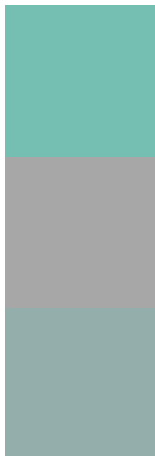
## Deuteranomaly

65.2434, -7.0189, 0.3528

## Tritanomaly

66.1889, -20.4855, -4.7667

# Monochromacy



## Original Color

66.1470, -24.9467, 2.5695

## Achromatopsia

62.1634, -3.3169, 3.3775

## Achromatomaly

63.1634, -11.9270, 2.5468

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 66.1470, -24.9467, 2.5695 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(116, 190, 178)` looks like.

```
.text, #text, p{  
    color:rgb(116, 190, 178)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(116, 190, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 190, 178) }
```

## Border

The CSS property to change the border of an element to HunterLab 66.1470, -24.9467, 2.5695 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 190, 178) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(116, 190, 178) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(116, 190, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 190, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 190, 178);  
box-shadow:4px 4px 4px 4px rgb(116, 190,  
178) }
```

# Background

The CSS property to change the background color of an element to HunterLab 66.1470, -24.9467, 2.5695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 190, 178) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(116,  
190, 178) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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