

# Converting Colors

HunterLab(26.5897, -16.0342,  
6.5714)

Have a look what the booklet for  
HunterLab(26.5897, -16.0342,  
6.5714) contains.

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# Color

**HunterLab(26.5897,  
-16.0342, 6.5714)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C553C
RGB	28, 85, 60
RGB Percent	11%, 33%, 24%
CMY	0.8902, 0.6667, 0.7647
CMYK	0.67, 0.00, 0.29, 0.67
HSL	154°, 50%, 22%
HSV	154°, 67%, 33%
XYZ	4.5430, 7.0701, 5.4002
YIQ	65.1070, -25.9470, -19.8590

# Conversions

## Conversions Part 2

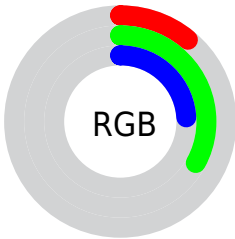
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 65, 85
Decimal	1856828
CIE <sub>Lab</sub>	31.97, -25.29, 9.22
CIE <sub>LCh</sub>	32, 26.922, 159.975
Y <sub>xy</sub>	7.0704, 0.2670, 0.4156
Android (android.graphics.Color)	4280046908 (0xFF1C553C)
YUV	65.1070, -2.5178, -32.5428
Hunter-Lab	26.5897, -16.0342, 6.5714

# Details

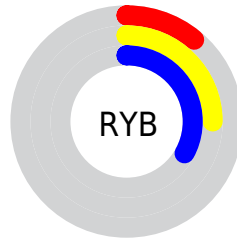
The HunterLab color  $26.5897, -16.0342, 6.5714$  is a dark color, and the websafe version is hex  $336633$ . A complement of this color would be  $17.3754, 18.9497, -0.4559$ , and the grayscale version is  $23.0444, -1.2296, 1.2520$ .

A 20% lighter version of the original color is  $44.7792, -20.3948, 8.8182$ , and  $12.2258, -9.2084, 4.5971$  is the 20% darker color. If you saturate the color by 10%, you get  $26.3230, -17.2618, 7.4119$ , and if you desaturate by 10%, it is  $26.9230, -14.5517, 5.7421$ .

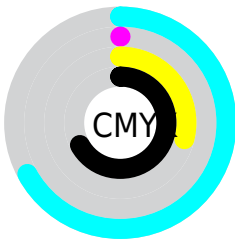
# Distribution



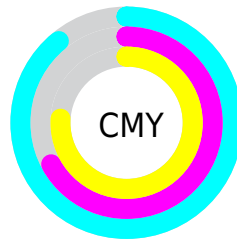
- Red (11%)
- Green (33%)
- Blue (24%)



- Red (11%)
- Yellow (25%)
- Blue (33%)



- Cyan (67%)
- Magenta (0%)
- Yellow (29%)
- Black (67%)



- Cyan (89%)
- Magenta (67%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.5897, -16.0342, 6.5714 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 26.5897, -16.0342, 6.5714 by changing the saturation by 10% instead.



■ 26.5897, -16.0342,  
6.5714

■ 26.5897, -16.0342,  
6.5714

129.7102,  
-33.8311, 16.4235

■ 18.7248, -13.5712,  
5.4408

■ 44.8494, -20.4519,  
8.7509

■ 11.8379, -11.0404,  
4.2899

■ 55.1031, -22.5035,  
9.8275

■ 4.6661, -8.1656,  
3.2662

■ 66.0374, -24.4868,  
10.9054

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 77.6123, -26.4186,  
11.9887

0.0000, NaN, NaN

■ 89.7940, -28.3110,  
13.0805

0.0000, NaN, NaN

■ 102.5538,

0.0000, NaN, NaN

-30.1729, 14.1827

0.0000, NaN, NaN

115.8666,  
-32.0111, 15.2967

26.5897, -16.0342,  
6.5714

26.5897, -16.0342,  
6.5714

26.3230, -17.2618,  
7.4119

26.9230, -14.5517,  
5.7421

26.1176, -18.2392,  
8.2523

27.3239, -12.8156,  
4.9332

25.9492, -19.0621,  
9.0633

27.7941, -10.8343,  
4.1538

25.9005, -19.3001,  
9.2901

28.3342, -8.6208,  
3.4117

28.9438, -6.1921,  
2.7134

■ 29.6218, -3.5674,  
2.0642

■ 30.3665, -0.7672,  
1.4677

■ 31.1760, 2.1874,  
0.9265

■ 32.0479, 5.2762,  
0.4418

# Harmonies

## Analogous

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



26.5902, -11.8213, 11.3557



26.5897, -16.0342, 6.5714



26.5902, -16.6458, -1.6234

# Triad

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



26.5902, -16.0345, 6.5717



26.5902, 1.7018, -20.9222



26.5902, 13.4768, 10.1221

# Complementary

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



26.5897, -16.0342, 6.5714



17.3754, 18.9497, -0.4559

# 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.



26.5902, 18.2570, 4.1906



26.5897, -16.0342, 6.5714



26.5902, 10.8752, -14.8704

# Square

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



26.5902, -16.0345, 6.5717



26.5902, -7.1896, -19.6115



26.5902, 17.2453, -4.9566



26.5902, 4.8873, 12.8717



# Rectangle

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



26.5897, -16.0342, 6.5714



26.5902, -15.0285, -8.3645



26.5902, 17.2453, -4.9566



26.5902, 15.6318, 8.5347

# Sweetspot

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



26.5902, -16.0345, 6.5717



37.4943, -9.2575, 3.8641



27.1215, -14.8123, 14.0509



18.9097, -4.9619, 2.0346



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823



# Same Dimension

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



26.5902, -16.0345, 6.5717



34.2103, -23.2890, 10.2900



26.3823, -11.3421, -3.2570



15.3238, -2.0980, 1.1292



32.9603, -24.7155, 12.1563



78.0036, -59.3009, 30.5159



# Inverse Universe

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



17.3754, 18.9497, -0.4559



20.4799, 29.5192, 0.5971



17.2843, 15.6284, 7.1552



14.6039, 0.5486, 0.5225



18.2676, 32.4061, 3.1036

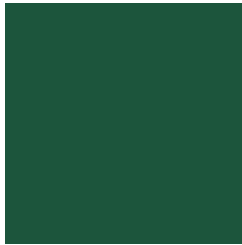


43.0945, 76.0683, 10.2687



# Previews

## White Background



This preview shows how the HunterLab color 26.5897, -16.0342, 6.5714 looks on a white 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



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

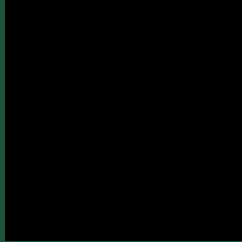
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

## HunterLab 26.5897, -16.0342, 6.5714 Background



This preview shows how black text looks on a background with the HunterLab color 26.5897, -16.0342, 6.5714.



This preview shows how white text looks on a background with the HunterLab color 26.5897,

-16.0342, 6.5714.

# 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

26.5897, -16.0342, 6.5714

### Protanopia

26.4829, -2.4400, 8.1840

### Deuteranopia

26.4046, 1.4668, 5.7366



## Tritanopia

26.4967, -9.0442, -4.4902

# Trichromacy



## Original Color

26.5897, -16.0342, 6.5714

## Protanomaly

26.2287, -8.7492, 7.2587

## Deuteranomaly

26.0372, -6.4654, 5.5530

## Tritanomaly

26.3476, -11.6545, -0.1883

# Monochromacy



## Original Color

26.5897, -16.0342, 6.5714

## Achromatopsia

22.9914, -1.2268, 1.2492

## Achromatomaly

23.9242, -7.3171, 2.9596

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 26.5897, -16.0342, 6.5714 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(28, 85, 60)` looks like.

```
.text, #text, p{  
    color:rgb(28, 85, 60)  
}
```

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(28, 85, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 85, 60) }
```

## Border

The CSS property to change the border of an element to HunterLab 26.5897, -16.0342, 6.5714 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(28, 85, 60) }
```



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

```
.border{ border-color:rgb(28, 85, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 85, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 85, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 85, 60);  
box-shadow:4px 4px 4px 4px rgb(28, 85, 60)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 26.5897, -16.0342, 6.5714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 85, 60) }
```

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

```
.background{ background-color: rgb(28, 85,  
60) }
```

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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