

# Converting Colors

HunterLab(30.0371, 24.5188,  
-18.7023)

Have a look what the booklet for  
HunterLab(30.0371, 24.5188,  
-18.7023) contains.

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# Color

**HunterLab(29.9559, 24.6995,  
-18.8506)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76407C
RGB	118, 64, 124
RGB Percent	46%, 25%, 49%
CMY	0.5373, 0.7490, 0.5137
CMYK	0.05, 0.48, 0.00, 0.51
HSL	294°, 32%, 37%
HSV	294°, 48%, 49%
XYZ	12.9427, 8.9736, 20.1187
YIQ	86.9860, 12.9240, 30.1080

# Conversions

## Conversions Part 2

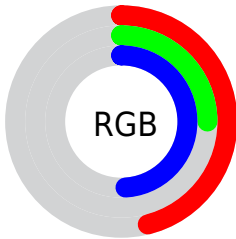
<b>Format</b>	<b>Color</b>
<a href="#">R<sub>Y</sub>B</a>	<a href="#">118, 64, 124</a>
Decimal	<a href="#">7749756</a>
CIE Lab	<a href="#">35.93, 33.38, -24.37</a>
CIE LCh	<a href="#">36, 41.334, 323.868</a>
Yxy	<a href="#">8.9740, 0.3079, 0.2135</a>
Android (android.graphics.Color)	<a href="#">4285939836 (0xFF76407C)</a>
YUV	<a href="#">86.9860, 18.2479, 27.1993</a>
Hunter-Lab	<a href="#">29.9559, 24.6995, -18.8506</a>

# Details

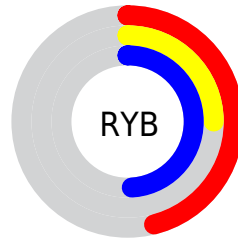
The HunterLab color  $29.9559, 24.6995, -18.8506$  is a dark color, and the websafe version is hex  $663366$ . A complement of this color would be  $40.1095, -22.7553, 17.1463$ , and the grayscale version is  $30.7993, -1.6434, 1.6734$ .

A 20% lighter version of the original color is  $48.8537, 26.8508, -19.9071$ , and  $14.5173, 21.8000, -17.8590$  is the 20% darker color. If you saturate the color by 10%, you get  $27.6429, 30.0980, -23.3397$ , and if you desaturate by 10%, it is  $32.5865, 19.0661, -14.2818$ .

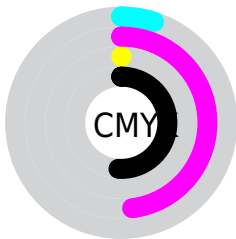
# Distribution



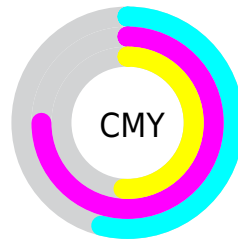
- Red (46%)
- Green (25%)
- Blue (49%)



- Red (46%)
- Yellow (25%)
- Blue (49%)



- Cyan (5%)
- Magenta (48%)
- Yellow (0%)
- Black (51%)



- Cyan (54%)
- Magenta (75%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9559, 24.6995, -18.8506 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 29.9559, 24.6995, -18.8506 by changing the saturation by 10% instead.



29.9559, 24.6995,  
-18.8506

29.9559, 24.6995,  
-18.8506

135.3453, 32.4508,  
-21.4258

21.7352, 23.2780,  
-18.3282

48.8332, 27.1380,  
-19.8189

14.4442, 21.7335,  
-17.8874

59.3622, 28.1754,  
-20.2230

8.1052, 20.8749,  
-18.2734

70.5550, 29.1058,  
-20.5667

0.0000, INF, -NF

0.0000, NaN, -NF

82.3744, 29.9389,  
-20.8502

0.0000, NaN, NaN

94.7887, 30.6832,  
-21.0755

0.0000, NaN, NaN

107.7707, 31.3460,

0.0000, NaN, NaN

-21.2448

0.0000, NaN, NaN

121.2966, 31.9334,  
-21.3608

■ 29.9559, 24.6995,  
-18.8506

■ 29.9559, 24.6995,  
-18.8506

■ 27.6429, 30.0980,  
-23.3397

■ 32.5865, 19.0661,  
-14.2818

■ 25.6902, 35.0102,  
-27.5656

■ 35.4891, 13.3735,  
-9.7552

■ 24.1379, 39.1156,  
-31.2805

■ 38.6254, 7.7238,  
-5.3347

■ 23.0080, 42.0963,  
-34.2247

■ 41.9625, 2.1704,  
-1.0479

■ 22.2046, 44.0765,  
-36.4631

■ 45.4728, -3.2650,  
3.0998

■ 22.0769, 44.3988,  
-36.8308

■ 49.1337, -8.5791,  
7.1152

■ 52.9269, -13.7784,  
11.0107

■ 56.8373, -18.8743,  
14.8007

■ 60.8524, -23.8794,  
18.4996

# Harmonies

## Analogous

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



29.9566, 10.6644, -34.6547



29.9559, 24.6995, -18.8506



29.9566, 31.8466, -1.3735

# Triad

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



29.9566, 24.6985, -18.8497



29.9566, 1.4669, 17.9072



29.9566, -23.2434, -11.3566

# Complementary

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



29.9559, 24.6995, -18.8506



40.1095, -22.7553, 17.1463

# 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.



29.9566, -24.7680, 4.3526



29.9559, 24.6995, -18.8506



29.9566, -12.1621, 17.2380

# Square

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



29.9566, 24.6985, -18.8497



29.9566, 16.8738, 16.1990



29.9566, -21.1163, 13.5140



29.9566, -16.4589, -29.0672



# Rectangle

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



29.9559, 24.6995, -18.8506



29.9566, 30.9259, 7.3659



29.9566, -21.1163, 13.5140



29.9566, -24.3260, -5.5252

# Sweetspot

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



29.9566, 24.6985, -18.8497



52.5535, 7.9991, -5.3347



26.3172, 7.8191, -26.6069



25.1360, 4.5080, -3.0739



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703



# Same Dimension

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



29.9566, 24.6985, -18.8497



36.3907, 40.6081, -31.5377



29.7864, 22.4588, -5.2519



20.1448, 1.2257, -0.6425



22.2578, 44.7636, -37.1393



48.3956, 97.4601, -81.7584



# Inverse Universe

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



28.9731, 18.6151, 6.3209



34.8488, 31.1875, 10.1402



40.2617, -21.3184, 10.8394



20.0523, 0.6318, 1.4213



20.9380, 35.9895, 12.5015

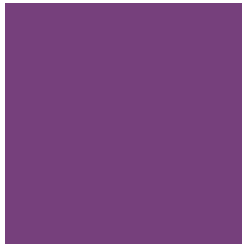


45.6627, 78.3548, 28.2967



# Previews

## White Background



This preview shows how the HunterLab color 29.9559, 24.6995, -18.8506 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

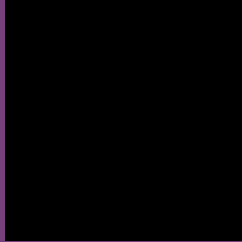
Any Text WCAG AA × Fail

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 29.9559, 24.6995, -18.8506 Background



This preview shows how black text looks on a background with the HunterLab color 29.9559, 24.6995, -18.8506.



This preview shows how white text looks on a background with the HunterLab color 29.9559, 24.6995, -18.8506.

-18.8506.

# 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

29.9559, 24.6995, -18.8506

### Protanopia

30.1730, 5.2527, -30.0691

### Deuteranopia

30.1238, 1.9938, -16.3767



## Tritanopia

29.8689, 10.9499, 3.5317

# Trichromacy



## Original Color

29.9559, 24.6995, -18.8506

## Protanomaly

29.4685, 11.2273, -27.0237

## Deuteranomaly

29.6851, 9.5344, -17.6706

## Tritanomaly

29.6686, 15.7105, -3.5584

# Monochromacy



## Original Color

29.9559, 24.6995, -18.8506

## Achromatopsia

30.8719, -1.6472, 1.6773

## Achromatomaly

30.1807, 7.1156, -4.9634

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 29.9559, 24.6995, -18.8506 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(118, 64, 124)` looks like.

```
.text, #text, p{  
    color:rgb(118, 64, 124)  
}
```

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(118, 64, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 64, 124) }
```

## Border

The CSS property to change the border of an element to HunterLab 29.9559, 24.6995, -18.8506 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(118, 64, 124) }
```



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

```
.border{ border-color:rgb(118, 64, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 64, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 64, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 64, 124);  
box-shadow:4px 4px 4px 4px rgb(118, 64,  
124) }
```

# Background

The CSS property to change the background color of an element to HunterLab 29.9559, 24.6995, -18.8506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 64, 124) }
```

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

```
.background{ background-color: rgb(118, 64,  
124) }
```

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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