

Converting Colors

HunterLab(31.7495, -0.2967,
-16.0076)

Have a look what the booklet for
HunterLab(31.7495, -0.2967,
-16.0076) contains.

HunterLab(31.7327, -0.2935, -16.0800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(31.7327, -0.2935,
-16.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	465A7C
RGB	70, 90, 124
RGB Percent	27%, 35%, 49%
CMY	0.7255, 0.6471, 0.5137
CMYK	0.44, 0.27, 0.00, 0.51
HSL	218°, 28%, 38%
HSV	218°, 44%, 49%
XYZ	9.8200, 10.0696, 20.4948
YIQ	87.8960, -22.8340, 6.3340

Conversions

Conversions Part 2

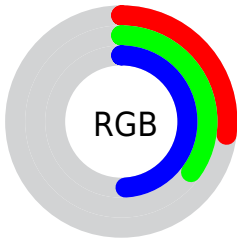
Format	Color
R_{YB}	70, 85, 124
Decimal	4610684
CIE Lab	37.97, 2.00, -21.57
CIE LCh	38, 21.664, 275.299
Yxy	10.0700, 0.2432, 0.2493
Android (android.graphics.Color)	4282800764 (0xFF465A7C)
YUV	87.8960, 17.7993, -15.6948
Hunter-Lab	31.7327, -0.2935, -16.0800

Details

The HunterLab color **31.7327, -0.2935, -16.0800** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **38.2468, 0.1254, 14.5868**, and the grayscale version is **31.1441, -1.6618, 1.6921**.

A 20% lighter version of the original color is **50.9857, -1.0036, -16.9701**, and **15.9170, 0.1464, -14.9851** is the 20% darker color. If you saturate the color by 10%, you get **28.9945, 0.9233, -21.1110**, and if you desaturate by 10%, it is **34.5931, -1.1841, -11.3873**.

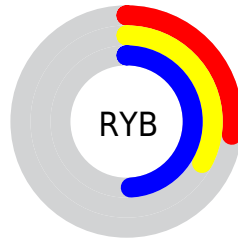
Distribution



Red (27%)

Green (35%)

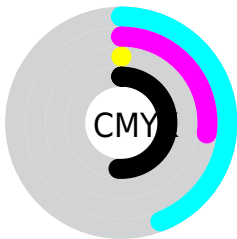
Blue (49%)



Red (27%)

Yellow (33%)

Blue (49%)

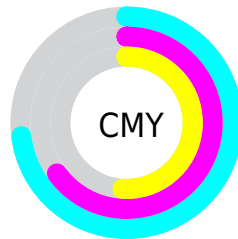


Cyan (44%)

Magenta (27%)

Yellow (0%)

Black (51%)



Cyan (73%)











Magenta (65%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7327, -0.2935, -16.0800 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 31.7327, -0.2935, -16.0800 by changing the saturation by 10% instead.

 31.7327, -0.2935, -16.0800	 31.7327, -0.2935, -16.0800
138.2646, -5.1084, -17.8264	 23.3354, 0.0209, -15.5971
 50.9187, -1.0829, -16.8896	 15.8458, 0.2710, -15.1161
 61.5860, -1.5469, -17.1999	 9.3919, 0.4423, -14.8032
 72.9091, -2.0519, -17.4468	0.0000, NaN, -NF
	0.0000, NaN, -NF
 84.8519, -2.5951, -17.6327	0.0000, NaN, NaN
 97.3837, -3.1742, -17.7607	0.0000, NaN, NaN
110.4782, -3.7872,	0.0000, NaN, NaN

-17.8338

0.0000, NaN, NaN

124.1120, -4.4325,
-17.8548

■ 31.7327, -0.2935,
-16.0800

■ 31.7327, -0.2935,
-16.0800

■ 28.9945, 0.9233,
-21.1110

■ 34.5931, -1.1841,
-11.3873

■ 26.3953, 2.5253,
-26.5245

■ 37.5590, -1.7995,
-6.9897

■ 23.9579, 4.5746,
-32.3482

■ 40.6186, -2.1830,
-2.8437

■ 21.7089, 7.1270,
-38.5782

■ 43.7618, -2.3704,
1.0891

■ 19.6760, 10.2063,
-45.1579

■ 46.9805, -2.3911,
4.8421

■ 18.4485, 12.3411,
-49.7000

■ 50.2677, -2.2692,
8.4435

■ 53.6177, -2.0244,
11.9173

■ 57.0255, -1.6730,
15.2834

■ 60.4870, -1.2283,
18.5588

Harmonies

Analogous

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



31.7333, -7.7393, -14.2165



31.7327, -0.2935, -16.0800



31.7333, 7.4734, -12.3109

Triad

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



31.7333, -0.2936, -16.0793



31.7333, 11.5386, 8.9334



31.7333, -14.2372, 7.1440

Complementary

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



31.7327, -0.2935, -16.0800



38.2468, 0.1254, 14.5868

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.



31.7333, -9.9277, 11.3272



31.7327, -0.2935, -16.0800



31.7333, 4.8387, 12.1714

Square

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



31.7333, -0.2936, -16.0793



31.7333, 14.7150, 3.0207



31.7333, -3.0723, 12.9275



31.7333, -15.3269, 0.3771

Rectangle

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



31.7327, -0.2935, -16.0800



31.7333, 11.6430, -7.5463



31.7333, -3.0723, 12.9275



31.7333, -13.1390, 8.8414

Sweetspot

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



31.7333, -0.2936, -16.0793



53.9809, -2.9046, -3.6450



40.8692, -18.2497, 6.1331



25.8202, -1.3739, -2.2613



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.



31.7333, -0.2936, -16.0793



38.5739, 1.1670, -27.7888



27.1749, 10.4638, -24.6762



20.2835, -1.1052, -0.5084



18.5881, 12.4738, -50.1607



38.6958, 31.9235, -117.2800

Inverse Universe

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



30.6658, 18.2106, 0.5125



37.3470, 30.2267, 0.9962



43.2299, -10.6445, 18.5042



20.0931, 0.8514, 0.8398



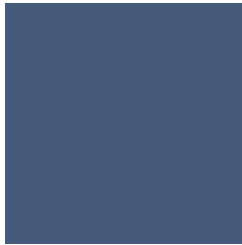
21.3440, 37.4867, 6.5483



46.4530, 81.2725, 16.6805

Previews

White Background



This preview shows how the HunterLab color 31.7327, -0.2935, -16.0800 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 × Fail

Black Background



This preview shows how the HunterLab color 31.7327, -0.2935, -16.0800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

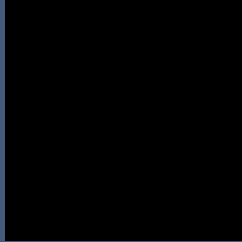
Any Text WCAG AA × Fail

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 31.7327, -0.2935, -16.0800 Background



This preview shows how black text looks on a background with the HunterLab color 31.7327, -0.2935, -16.0800.



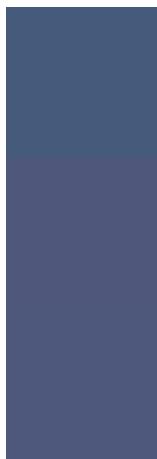
This preview shows how white text looks on a background with the HunterLab color 31.7327, -0.2935, -16.0800.

-16.0800.

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

31.7327, -0.2935, -16.0800

Protanopia

31.6968, 2.1240, -14.8724

Deuteranopia

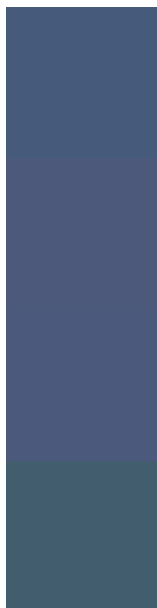
31.6425, 2.0999, -16.1954



Tritanopia

31.7092, -7.5558, -4.0974

Trichromacy



Original Color

31.7327, -0.2935, -16.0800

Protanomaly

31.7983, 1.2067, -15.3248

Deuteranomaly

31.7109, 0.9898, -16.0955

Tritanomaly

31.8005, -5.2699, -8.0008

Monochromacy



Original Color

31.7327, -0.2935, -16.0800

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.3587, -1.8567, -3.9876

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7327, -0.2935, -16.0800 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(70, 90, 124)` looks like.

```
.text, #text, p{  
    color:rgb(70, 90, 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(70, 90, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 90, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7327, -0.2935, -16.0800 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(70, 90, 124) }
```


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

```
.border{ border-color:rgb(70, 90, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 90, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 90, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 90, 124);  
box-shadow:4px 4px 4px 4px rgb(70, 90,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.7327, -0.2935, -16.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 90, 124) }
```

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

```
.background{ background-color: rgb(70, 90,  
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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