

Converting Colors

HunterLab(37.2522, 18.0818,
-31.8747)

Have a look what the booklet for
HunterLab(37.2522, 18.0818,
-31.8747) contains.

HunterLab(37.2506, 18.0820, -31.8812)	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(37.2506, 18.0820,
-31.8812)**

Conversions

Conversions Part 1

Format	Color
Hex	725CA3
RGB	114, 92, 163
RGB Percent	45%, 36%, 64%
CMY	0.5529, 0.6392, 0.3608
CMYK	0.30, 0.44, 0.00, 0.36
HSL	259°, 28%, 50%
HSV	259°, 44%, 64%
XYZ	17.3775, 13.8761, 36.4129
YIQ	106.6720, -9.6790, 26.7450

Conversions

Conversions Part 2

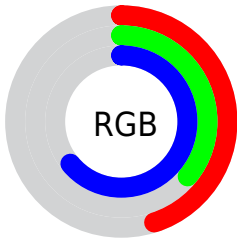
Format	Color
R_{YB}	114, 92, 163
Decimal	7494819
CIE Lab	44.06, 24.93, -35.28
CIE LCh	44, 43.197, 305.242
Yxy	13.8766, 0.2568, 0.2051
Android (android.graphics.Color)	4285684899 (0xFF725CA3)
YUV	106.6720, 27.7697, 6.4267
Hunter-Lab	37.2506, 18.0820, -31.8812

Details

The HunterLab color $37.2506, 18.0820, -31.8812$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $57.1228, -18.6758, 24.3620$, and the grayscale version is $38.1207, -2.0340, 2.0712$.

A 20% lighter version of the original color is $57.4732, 19.3857, -32.6723$, and $20.3923, 15.9243, -30.8809$ is the 20% darker color. If you saturate the color by 10%, you get $32.6210, 23.5703, -42.4655$, and if you desaturate by 10%, it is $42.2046, 12.8430, -22.4469$.

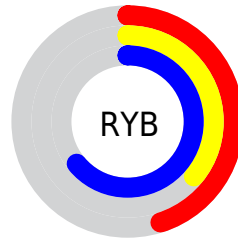
Distribution



Red (45%)

Green (36%)

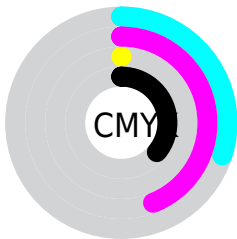
Blue (64%)



Red (45%)

Yellow (36%)

Blue (64%)

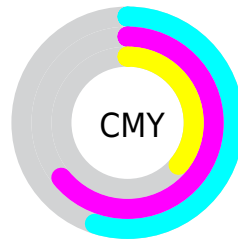


Cyan (30%)

Magenta (44%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (64%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.2506, 18.0820, -31.8812 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 37.2506, 18.0820, -31.8812 by changing the saturation by 10% instead.

■ 37.2506, 18.0820,
-31.8812

■ 37.2506, 18.0820,
-31.8812

■ 147.1264, 22.1269,
-36.3864

■ 28.3459, 17.1535,
-31.3226

■ 57.3323, 19.5759,
-33.1321

■ 20.2911, 16.0825,
-30.9722

■ 68.4034, 20.1694,
-33.7352

■ 13.1886, 14.8555,
-31.1975

■ 80.1077, 20.6748,
-34.2989

■ 6.7005, 16.2567,
-36.3673

■ 92.4124, 21.1003,
-34.8162

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.2897, 21.4529,
-35.2841

0.0000, NaN, NaN

■ 118.7151, 21.7383,

0.0000, NaN, NaN

-35.7014

0.0000, NaN, NaN

132.6670, 21.9616,
-36.0686

■ 37.2506, 18.0820,
-31.8812

■ 37.2506, 18.0820,
-31.8812

■ 32.6210, 23.5703,
-42.4655

■ 42.2046, 12.8430,
-22.4469

■ 28.3965, 29.2571,
-54.3382

■ 47.4209, 7.8397,
-13.9657

■ 24.6903, 34.9312,
-67.3826

■ 52.8564, 3.0354,
-6.2453

■ 21.6439, 40.0829,
-80.8813

■ 58.4788, -1.6089,
0.8749

■ 19.4028, 43.8354,
-93.1602

■ 64.2638, -6.1281,
7.5230

■ 18.2633, 45.7551,
-100.4352

■ 70.1925, -10.5514,
13.7989

■ 76.2500, -14.9024,
19.7806

■ 82.4245, -19.1999,
25.5284

■ 88.7061, -23.4588,
31.0896

Harmonies

Analogous

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



37.2513, 0.9454, -42.1195



37.2506, 18.0820, -31.8812



37.2513, 31.3152, -12.9070

Triad

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



37.2513, 18.0817, -31.8801



37.2513, 12.2079, 20.3123



37.2513, -28.5508, -0.8283

Complementary

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



37.2506, 18.0820, -31.8812



57.1228, -18.6758, 24.3620

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.



37.2513, -26.5869, 12.5582



37.2506, 18.0820, -31.8812



37.2513, -4.8365, 21.2722

Square

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



37.2513, 18.0817, -31.8801



37.2513, 27.5325, 15.5496



37.2513, -18.5450, 19.1848



37.2513, -24.4682, -19.8558

Rectangle

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



37.2506, 18.0820, -31.8812



37.2513, 35.0746, -0.5561



37.2513, -18.5450, 19.1848



37.2513, -28.5671, 4.4387

Sweetspot

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



37.2513, 18.0817, -31.8801



70.9691, 3.8626, -8.0454



49.1701, -11.0707, -11.6777



32.8900, 2.4676, -4.8150



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



37.2513, 18.0817, -31.8801



44.0083, 31.0989, -55.9426



40.8288, 28.2136, -24.6659



26.3846, 0.4899, -1.4928



16.1676, 40.3987, -88.0872



2.8085, 6.3472, -10.1041

Inverse Universe

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



41.6706, 28.7669, -9.6737



51.5403, 47.4794, -15.5885



54.8123, -27.5433, 22.3400



26.7668, 1.6424, 0.1070



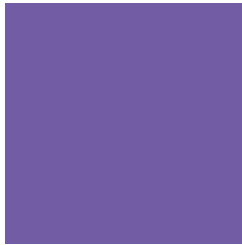
26.4154, 48.7431, -10.1083



3.9305, 7.4265, -2.8504

Previews

White Background



This preview shows how the HunterLab color 37.2506, 18.0820, -31.8812 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 37.2506, 18.0820, -31.8812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

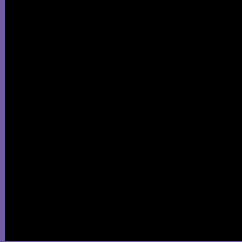
Any Text WCAG AA × Fail

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 37.2506, 18.0820, -31.8812 Background



This preview shows how black text looks on a background with the HunterLab color 37.2506, 18.0820, -31.8812.



This preview shows how white text looks on a background with the HunterLab color 37.2506, 18.0820, -31.8812.

-31.8812.

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

37.2506, 18.0820, -31.8812

Protanopia

37.4404, 6.8430, -38.6165

Deuteranopia

37.3834, 2.7446, -29.6631



Tritanopia

37.1664, -0.2822, -1.5573

Trichromacy



Original Color

37.2506, 18.0820, -31.8812

Protanomaly

37.1128, 10.7834, -36.9088

Deuteranomaly

37.2306, 7.7537, -30.6193

Tritanomaly

37.0817, 6.0750, -11.3769

Monochromacy



Original Color

37.2506, 18.0820, -31.8812

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

37.8815, 4.4476, -8.0058

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.2506, 18.0820, -31.8812 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(114, 92, 163)` looks like.

```
.text, #text, p{  
    color:rgb(114, 92, 163)  
}
```

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(114, 92, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 92, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 37.2506, 18.0820, -31.8812 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(114, 92, 163) }
```


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

```
.border{ border-color:rgb(114, 92, 163) }
```

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

Here you see how a box with a 4 pixel rgb(114, 92, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 92, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 92, 163);  
box-shadow:4px 4px 4px 4px rgb(114, 92,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.2506, 18.0820, -31.8812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 92, 163) }
```

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

```
.background{ background-color: rgb(114, 92,  
163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor