

Converting Colors

HunterLab(37.1576, 57.0373,
-116.5163)

Have a look what the booklet for
HunterLab(37.1576, 57.0373,
-116.5163) contains.

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Color

**HunterLab(37.1229, 57.0518,
-116.6664)**

Conversions

Conversions Part 1

Format	Color
Hex	713FF7
RGB	113, 63, 247
RGB Percent	44%, 25%, 97%
CMY	0.5568, 0.7529, 0.0314
CMYK	0.54, 0.74, 0.00, 0.03
HSL	256°, 92%, 61%
HSV	256°, 74%, 97%
XYZ	25.3760, 13.7811, 89.3181
YIQ	98.9260, -29.2640, 67.8240

Conversions

Conversions Part 2

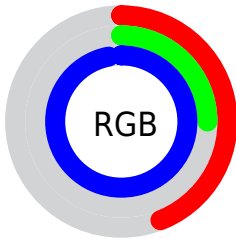
Format	Color
R _{YB}	113, 63, 247
Decimal	7421943
CIE _{Lab}	43.92, 63.69, -83.92
CIE _{LCh}	44, 105.351, 307.200
Yxy	13.7814, 0.1975, 0.1073
Android (android.graphics.Color)	4285612023 (0xFF713FF7)
YUV	98.9260, 73.0005, 12.3429
Hunter-Lab	37.1229, 57.0518, -116.6664

Details

The HunterLab color **37.1229, 57.0518, -116.6664** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **88.7411, -40.2771, 50.8350**, and the grayscale version is **35.0387, -1.8696, 1.9037**.

A 20% lighter version of the original color is **53.7967, 45.8768, -70.3158**, and **20.1679, 52.7553, -128.1842** is the 20% darker color. If you saturate the color by 10%, you get **32.4881, 65.1889, -139.4303**, and if you desaturate by 10%, it is **42.9771, 47.7827, -94.0781**.

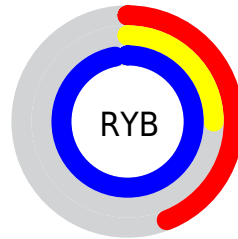
Distribution



Red (44%)

Green (25%)

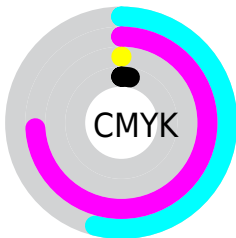
Blue (97%)



Red (44%)

Yellow (25%)

Blue (97%)

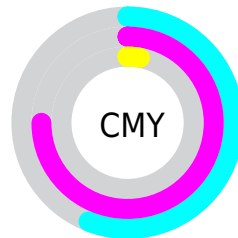


Cyan (54%)

Magenta (74%)

Yellow (0%)

Black (3%)



Cyan (56%)

Magenta (75%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.1229, 57.0518, -116.6664 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 37.1229, 57.0518, -116.6664 by changing the saturation by 10% instead.

37.1229, 57.0518,
-116.6664

37.1229, 57.0518,
-116.6664

146.9241, 73.3669,
-117.6179

28.2291, 54.8590,
-120.6355

57.1845, 61.3274,
-113.7504

20.1866, 52.7744,
-128.3124

68.2467, 63.3354,
-113.5407

13.0981, 51.1700,
-144.0960

79.9425, 65.2443,
-113.7664

6.5858, 57.4024,
-198.0272

92.2391, 67.0540,
-114.2749

0.0000, INF, -NF

0.0000, NaN, -NF

105.1087, 68.7671,
-114.9690

0.0000, NaN, -NF

118.5267, 70.3875,

0.0000, NaN, -NF

-115.7846

0.0000, NaN, -NF

132.4715, 71.9193,
-116.6777

■ 37.1229, 57.0518,
-116.6664

■ 37.1229, 57.0518,
-116.6664

■ 32.4881, 65.1889,
-139.4303

■ 42.9771, 47.7827,
-94.0781

■ 29.3222, 70.4575,
-158.6275

■ 49.7792, 38.4541,
-73.4615

■ 28.1306, 72.0461,
-166.8713

■ 57.3121, 29.5102,
-55.2006

■ 65.4171, 21.0524,
-39.0759

■ 73.9812, 13.0448,
-24.7065

■ 82.9240, 5.4113,
-11.7243

■ 92.1869, -1.9261,
0.1768

■ 99.7474, -6.7214,
9.0413

Harmonies

Analogous

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



37.1233, 8.1790, -169.1369



37.1229, 57.0518, -116.6664



37.1233, 99.1376, -39.0998

Triad

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



37.1233, 57.0536, -116.6650



37.1233, 32.8558, 25.9863



37.1233, -51.6786, -8.3926

Complementary

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



37.1229, 57.0518, -116.6664



88.7411, -40.2771, 50.8350

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.



37.1233, -49.6658, 20.6843



37.1229, 57.0518, -116.6664



37.1233, -11.1570, 25.9863

Square

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



37.1233, 57.0536, -116.6650



37.1233, 81.5184, 24.6435



37.1233, -38.0343, 25.9863



37.1233, -45.5886, -75.2560

Rectangle

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



37.1229, 57.0518, -116.6664



37.1233, 110.6252, -1.7429



37.1233, -38.0343, 25.9863



37.1233, -51.8606, 5.4274

Sweetspot

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



37.1233, 57.0536, -116.6650



78.9551, 11.5483, -22.1901



69.3756, -21.0181, -32.8224



35.3808, 6.3548, -12.0214

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.1233, 57.0536, -116.6650



31.9578, 70.6224, -154.5930



48.0802, 77.3037, -77.5318



40.1803, 0.7806, -2.5888



20.6029, 52.5207, -120.3099



6.4944, 15.9281, -33.0605

Inverse Universe

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



52.3068, 79.8165, -26.2420



50.9484, 90.6344, -25.9494



83.6305, -60.7775, 47.1349



40.8496, 2.8423, -0.1438



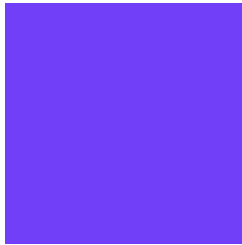
34.9613, 64.9207, -16.5432



10.4472, 19.5404, -6.0334

Previews

White Background



This preview shows how the HunterLab color 37.1229, 57.0518, -116.6664 looks on a white background.

Color Contrast Check

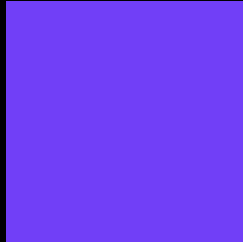
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1229, 57.0518, -116.6664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

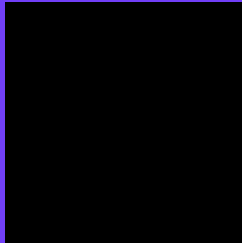
Any Text WCAG AA × Fail

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 37.1229, 57.0518, -116.6664 Background



This preview shows how black text looks on a background with the HunterLab color 37.1229, 57.0518, -116.6664.



This preview shows how white text looks on a background with the HunterLab color 37.1229, 57.0518, -116.6664.

-116.6664.

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

37.1229, 57.0518, -116.6664

Protanopia

37.1046, 12.9529, -74.3390

Deuteranopia

36.8827, 0.2692, -46.6814



Tritanopia

37.0474, -10.3868, -4.7833

Trichromacy



Original Color

37.1229, 57.0518, -116.6664

Protanomaly

35.5183, 26.5037, -94.1855

Deuteranomaly

34.8474, 18.2582, -75.4042

Tritanomaly

35.3222, 11.2198, -37.7899

Monochromacy



Original Color

37.1229, 57.0518, -116.6664

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

34.4943, 16.1517, -30.2626

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.1229, 57.0518, -116.6664 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(113, 63, 247)` looks like.

```
.text, #text, p{  
    color:rgb(113, 63, 247)  
}
```

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(113, 63, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 63, 247) }
```

Border

The CSS property to change the border of an element to HunterLab 37.1229, 57.0518, -116.6664 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(113, 63, 247) }
```


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

```
.border{ border-color:rgb(113, 63, 247) }
```

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

Here you see how a box with a 4 pixel rgb(113, 63, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 63, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 63, 247);  
box-shadow:4px 4px 4px 4px rgb(113, 63,  
247) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.1229, 57.0518, -116.6664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 63, 247) }
```

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

```
.background{ background-color: rgb(113, 63,  
247) }
```

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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