

Converting Colors

HunterLab(37.4588, 16.7500,
-64.0879)

Have a look what the booklet for
HunterLab(37.4588, 16.7500,
-64.0879) contains.

HunterLab(37.4588, 16.7500, -64.0879)	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(37.4588, 16.7500,
-64.0879)**

Conversions

Conversions Part 1

Format	Color
Hex	4561C9
RGB	69, 97, 201
RGB Percent	27%, 38%, 79%
CMY	0.7294, 0.6196, 0.2118
CMYK	0.66, 0.52, 0.00, 0.21
HSL	227°, 55%, 53%
HSV	227°, 66%, 79%
XYZ	17.2715, 14.0316, 57.0563
YIQ	100.4840, -50.0720, 26.4080

Conversions

Conversions Part 2

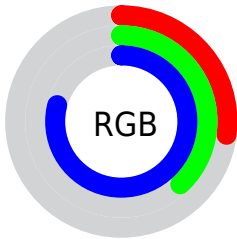
Format	Color
R _{YB}	69, 92, 201
Decimal	4547017
CIE _{Lab}	44.28, 23.39, -57.31
CIE _{LCh}	44, 61.901, 292.197
Yxy	14.0320, 0.1955, 0.1588
Android (android.graphics.Color)	4282737097 (0xFF4561C9)
YUV	100.4840, 49.5544, -27.6115
Hunter-Lab	37.4588, 16.7500, -64.0879

Details

The HunterLab color **37.4588, 16.7500, -64.0879** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **65.3738, -4.8942, 35.0900**, and the grayscale version is **35.7144, -1.9056, 1.9404**.

A 20% lighter version of the original color is **57.3003, 17.1339, -62.2847**, and **21.0784, 17.0746, -63.2053** is the 20% darker color. If you saturate the color by 10%, you get **32.8282, 22.8036, -79.1732**, and if you desaturate by 10%, it is **42.5680, 11.7196, -50.5305**.

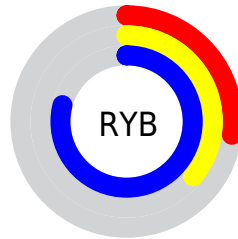
Distribution



Red (27%)

Green (38%)

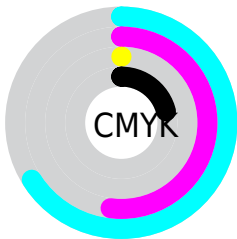
Blue (79%)



Red (27%)

Yellow (36%)

Blue (79%)

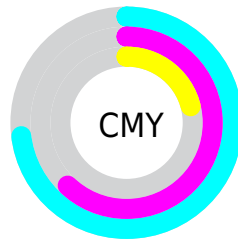


Cyan (66%)

Magenta (52%)

Yellow (0%)

Black (21%)



Cyan (73%)












Magenta (62%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4588, 16.7500, -64.0879 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 37.4588, 16.7500, -64.0879 by changing the saturation by 10% instead.

 37.4588, 16.7500, -64.0879	 37.4588, 16.7500, -64.0879
147.4551, 20.2102, -70.1465	 28.5358, 15.9008, -64.4665
 57.5724, 18.0977, -64.7928	 20.4611, 14.9095, -66.0049
 68.6581, 18.6217, -65.4647	 13.3359, 13.7598, -70.1504
 80.3761, 19.0601, -66.2222	 6.8825, 14.7766, -87.3078
 92.6939, 19.4212, -67.0183	0.0000, NaN, -NF
	0.0000, NaN, -NF
 105.5837, 19.7115, -67.8241	0.0000, NaN, -NF
119.0210, 19.9367,	0.0000, NaN, NaN

-68.6212

0.0000, NaN, NaN

132.9846, 20.1016,
-69.3979

■ 37.4588, 16.7500,
-64.0879

■ 37.4588, 16.7500,
-64.0879

■ 32.8282, 22.8036,
-79.1732

■ 42.5680, 11.7196,
-50.5305

■ 28.7986, 29.8879,
-95.4964

■ 48.0588, 7.5726,
-38.4262

■ 25.5166, 37.6859,
-112.0150

■ 53.8613, 4.1500,
-27.5664

■ 24.3267, 41.0263,
-118.9702

■ 59.9233, 1.3082,
-17.7272

■ 66.2060, -1.0700,
-8.7091

■ 72.6798, -3.0771,
-0.3472

■ 79.3221, -4.7848,
7.4906

■ 86.1148, -6.2490,
14.9087

■ 93.0437, -7.5129,
21.9892

Harmonies

Analogous

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



37.4593, -7.9702, -71.0014



37.4588, 16.7500, -64.0879



37.4593, 41.0693, -35.2919

Triad

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



37.4593, 16.7510, -64.0868



37.4593, 30.1048, 22.6336



37.4593, -37.2169, 7.4437

Complementary

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



37.4588, 16.7500, -64.0879



65.3738, -4.8942, 35.0900

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.



37.4593, -31.5587, 20.0318



37.4588, 16.7500, -64.0879



37.4593, 4.3676, 24.5560

Square

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



37.4593, 16.7510, -64.0868



37.4593, 50.0153, 14.9658



37.4593, -17.6633, 24.0394



37.4593, -35.4625, -18.2344

Rectangle

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



37.4588, 16.7500, -64.0879



37.4593, 51.7993, -13.7237



37.4593, -17.6633, 24.0394



37.4593, -36.1805, 12.9903

Sweetspot

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



37.4593, 16.7510, -64.0868



82.8037, -0.0318, -16.7193



67.8476, -37.6318, 6.8645



37.2283, 0.4025, -9.3032

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.4593, 16.7510, -64.0868



40.5062, 33.7964, -112.9283



34.0049, 38.4603, -74.7204



32.6282, -1.1012, -1.5697



19.5725, 31.5799, -92.6360



5.3843, 3.7074, -14.7331

Inverse Universe

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



41.8782, 47.6525, 10.6279



49.7053, 73.4051, 18.6342



70.7485, -29.9811, 38.3506



32.6698, 1.4234, 1.9405



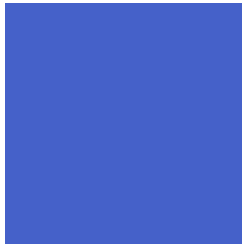
28.1544, 48.6381, 14.9149



6.2152, 10.9106, 1.9467

Previews

White Background



This preview shows how the HunterLab color 37.4588, 16.7500, -64.0879 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 37.4588, 16.7500, -64.0879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

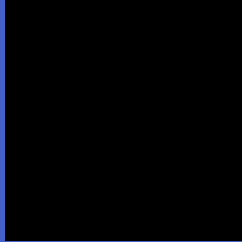
Any Text WCAG AA × Fail

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 37.4588, 16.7500, -64.0879 Background



This preview shows how black text looks on a background with the HunterLab color 37.4588, 16.7500, -64.0879.



This preview shows how white text looks on a background with the HunterLab color 37.4588, 16.7500, -64.0879.

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

37.4588, 16.7500, -64.0879

Protanopia

37.6118, 12.5325, -67.6516

Deuteranopia

37.2199, 2.0879, -51.0288



Tritanopia

37.4474, -17.6411, -7.9529

Trichromacy



Original Color

37.4588, 16.7500, -64.0879

Protanomaly

37.6193, 13.7463, -66.6134

Deuteranomaly

36.9713, 6.0562, -56.1580

Tritanomaly

36.7603, -7.2565, -26.0829

Monochromacy



Original Color

37.4588, 16.7500, -64.0879

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

35.8520, 2.4664, -17.0040

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4588, 16.7500, -64.0879 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(69, 97, 201)` looks like.

```
.text, #text, p{  
    color:rgb(69, 97, 201)  
}
```

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(69, 97, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 97, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4588, 16.7500, -64.0879 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(69, 97, 201) }
```


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

```
.border{ border-color:rgb(69, 97, 201) }
```

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

Here you see how a box with a 4 pixel rgb(69, 97, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 97, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 97, 201);  
box-shadow:4px 4px 4px 4px rgb(69, 97,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4588, 16.7500, -64.0879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 97, 201) }
```

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

```
.background{ background-color: rgb(69, 97,  
201) }
```

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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