

Converting Colors

HunterLab(35.7287, 12.7467,
-50.3516)

Have a look what the booklet for
HunterLab(35.7287, 12.7467,
-50.3516) contains.

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Color

**HunterLab(35.6642, 12.7416,
-50.4768)**

Conversions

Conversions Part 1

Format	Color
Hex	485EB5
RGB	72, 94, 181
RGB Percent	28%, 37%, 71%
CMY	0.7176, 0.6314, 0.2902
CMYK	0.60, 0.48, 0.00, 0.29
HSL	228°, 43%, 50%
HSV	228°, 60%, 71%
XYZ	15.0157, 12.7194, 45.3798
YIQ	97.3400, -41.0390, 22.3930

Conversions

Conversions Part 2

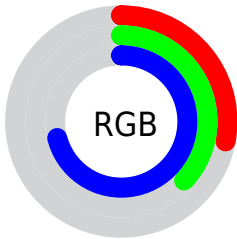
Format	Color
R_{YB}	72, 90, 181
Decimal	4742837
CIE Lab	42.34, 18.84, -48.81
CIE LCh	42, 52.322, 291.108
Yxy	12.7198, 0.2054, 0.1740
Android (android.graphics.Color)	4282932917 (0xFF485EB5)
YUV	97.3400, 41.2444, -22.2232
Hunter-Lab	35.6642, 12.7416, -50.4768

Details

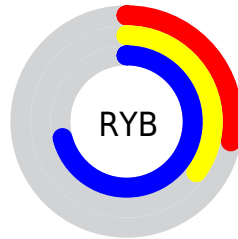
The HunterLab color **35.6642, 12.7416, -50.4768** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **59.2368, -5.3539, 30.2703**, and the grayscale version is **34.5640, -1.8442, 1.8779**.

A 20% lighter version of the original color is **55.4329, 13.4827, -51.3021**, and **19.3104, 11.7697, -49.5437** is the 20% darker color. If you saturate the color by 10%, you get **31.2890, 17.6556, -63.2496**, and if you desaturate by 10%, it is **40.4168, 8.6670, -39.0741**.

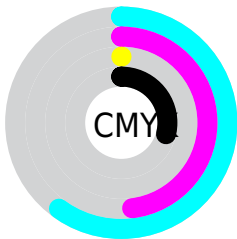
Distribution



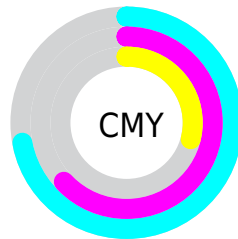
- Red (28%)
- Green (37%)
- Blue (71%)



- Red (28%)
- Yellow (35%)
- Blue (71%)



- Cyan (60%)
- Magenta (48%)
- Yellow (0%)
- Black (29%)



- Cyan (72%)
- Magenta (63%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.6642, 12.7416, -50.4768 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 35.6642, 12.7416, -50.4768 by changing the saturation by 10% instead.

■ 35.6642, 12.7416, -50.4768

■ 35.6642, 12.7416, -50.4768

■ 144.6076, 14.6121, -56.4285

■ 26.8995, 12.0986, -50.4060

■ 55.4972, 13.6943, -51.5498

■ 19.0001, 11.3172, -51.1434

■ 66.4559, 14.0309, -52.2608

■ 12.0744, 10.3731, -53.8157

■ 78.0539, 14.2881, -53.0016

■ 5.0874, 15.8673, -78.9617

■ 90.2576, 14.4738, -53.7417

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 103.0383, 14.5943, -54.4632

0.0000, NaN, -NF

116.3712, 14.6547,

0.0000, NaN, NaN

-55.1554

0.0000, NaN, NaN

130.2341, 14.6594,
-55.8117

■ 35.6642, 12.7416,
-50.4768

■ 35.6642, 12.7416,
-50.4768

■ 31.2890, 17.6556,
-63.2496

■ 40.4168, 8.6670,
-39.0741

■ 27.3872, 23.4910,
-77.3537

■ 45.4724, 5.2918,
-28.8879

■ 24.0831, 30.1462,
-92.2578

■ 50.7782, 2.4811,
-19.7118

■ 21.5176, 36.9003,
-106.5523

■ 56.2946, 0.1209,
-11.3520

■ 61.9918, -1.8800,
-3.6449

■ 67.8473, -3.5925,
3.5416

■ 73.8432, -5.0717,
10.3123

■ 79.9654, -6.3604,
16.7496

■ 86.2026, -7.4919,
22.9184

Harmonies

Analogous

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



35.6648, -7.5573, -54.9264



35.6642, 12.7416, -50.4768



35.6648, 32.5114, -28.7874

Triad

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



35.6648, 12.7422, -50.4758



35.6648, 25.0425, 20.1124



35.6648, -32.0760, 7.0605

Complementary

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



35.6642, 12.7416, -50.4768



59.2368, -5.3539, 30.2703

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.



35.6648, -26.7991, 17.9346



35.6642, 12.7416, -50.4768



35.6648, 4.1231, 22.3213

Square

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



35.6648, 12.7422, -50.4758



35.6648, 40.6140, 12.6082



35.6648, -14.5134, 21.8256



35.6648, -30.7440, -13.5736

Rectangle

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



35.6642, 12.7416, -50.4768



35.6648, 41.3281, -11.7617



35.6648, -14.5134, 21.8256



35.6648, -31.0674, 11.7255

Sweetspot

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



35.6648, 12.7422, -50.4758



76.7814, -0.3856, -13.1529



60.7235, -31.8494, 5.5461



34.6917, 0.2050, -7.5406



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



35.6648, 12.7422, -50.4758



40.2413, 25.8288, -90.1075



32.9373, 30.3650, -57.8661



29.1526, -0.9542, -1.3868



18.0925, 29.8673, -87.0889



4.2904, 2.3424, -10.4192

Inverse Universe

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



39.0736, 38.4937, 8.6818



47.2969, 61.9585, 15.1866



63.2545, -25.2092, 32.7882



29.2102, 1.2166, 1.7665



26.2118, 45.2634, 14.0312



4.7367, 8.3498, 1.2152

Previews

White Background



This preview shows how the HunterLab color 35.6642, 12.7416, -50.4768 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 35.6642, 12.7416, -50.4768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

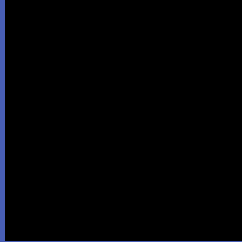
Any Text WCAG AA × Fail

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 35.6642, 12.7416, -50.4768 Background



This preview shows how black text looks on a background with the HunterLab color 35.6642, 12.7416, -50.4768.



This preview shows how white text looks on a background with the HunterLab color 35.6642, 12.7416, -50.4768.

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

35.6642, 12.7416, -50.4768

Protanopia

35.8082, 9.6262, -52.8512

Deuteranopia

35.5744, 2.8310, -49.1085



Tritanopia

35.7196, -13.8613, -6.6819

Trichromacy



Original Color

35.6642, 12.7416, -50.4768

Protanomaly

35.7446, 10.6286, -52.0982

Deuteranomaly

35.1966, 5.8523, -50.9480

Tritanomaly

35.5077, -5.4364, -20.2927

Monochromacy



Original Color

35.6642, 12.7416, -50.4768

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

34.6395, 1.7519, -13.5796

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.6642, 12.7416, -50.4768 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(72, 94, 181)` looks like.

```
.text, #text, p{  
    color:rgb(72, 94, 181)  
}
```

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(72, 94, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 94, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 35.6642, 12.7416, -50.4768 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(72, 94, 181) }
```


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

```
.border{ border-color:rgb(72, 94, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 94, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 94, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 94, 181);  
box-shadow:4px 4px 4px 4px rgb(72, 94,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.6642, 12.7416, -50.4768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 94, 181) }
```

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

```
.background{ background-color: rgb(72, 94,  
181) }
```

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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