

Converting Colors

HunterLab(40.0187, 2.9533,
-36.1044)

Have a look what the booklet for
HunterLab(40.0187, 2.9533,
-36.1044) contains.

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Color

**HunterLab(39.9491, 3.1213,
-36.2888)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6FB0
RGB	74, 111, 176
RGB Percent	29%, 44%, 69%
CMY	0.7098, 0.5647, 0.3098
CMYK	0.58, 0.37, 0.00, 0.31
HSL	218°, 41%, 49%
HSV	218°, 58%, 69%
XYZ	16.3449, 15.9593, 43.2932
YIQ	107.3470, -42.9170, 12.3710

Conversions

Conversions Part 2

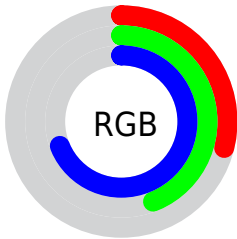
Format	Color
R_{YB}	74, 101, 176
Decimal	4878256
CIE _{Lab}	46.92, 6.84, -38.58
CIE _{LCh}	47, 39.183, 280.047
Yxy	15.9599, 0.2162, 0.2111
Android (android.graphics.Color)	4283068336 (0xFF4A6FB0)
YUV	107.3470, 33.8459, -29.2453
Hunter-Lab	39.9491, 3.1213, -36.2888

Details

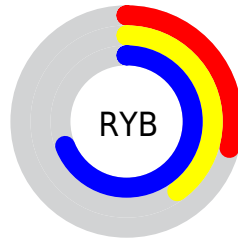
The HunterLab color $39.9491, 3.1213, -36.2888$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $53.0953, 2.4734, 25.5249$, and the grayscale version is $38.3641, -2.0470, 2.0844$.

A 20% lighter version of the original color is $60.3429, 2.9375, -37.7774$, and $22.5762, 3.2546, -35.2440$ is the 20% darker color. If you saturate the color by 10%, you get $36.1390, 6.0384, -45.0129$, and if you desaturate by 10%, it is $44.0025, 0.8704, -28.2155$.

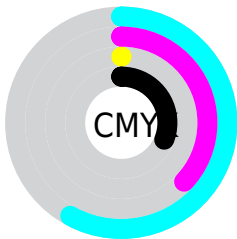
Distribution



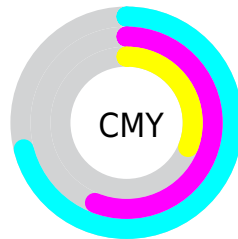
- Red (29%)
- Green (44%)
- Blue (69%)



- Red (29%)
- Yellow (40%)
- Blue (69%)



- Cyan (58%)
- Magenta (37%)
- Yellow (0%)
- Black (31%)



- Cyan (71%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.9491, 3.1213, -36.2888 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 39.9491, 3.1213, -36.2888 by changing the saturation by 10% instead.

■ 39.9491, 3.1213,
-36.2888

■ 39.9491, 3.1213,
-36.2888

151.3620, -0.0115,
-41.2412

■ 30.8152, 3.1966,
-35.7324

■ 60.4388, 2.7686,
-37.5897

■ 22.5076, 3.1891,
-35.4088

■ 71.6951, 2.5058,
-38.2353

■ 15.1195, 3.0811,
-35.6748

■ 83.5745, 2.1925,
-38.8489

■ 8.7538, 2.9584,
-37.7912

■ 96.0461, 1.8327,
-39.4214

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 109.0828, 1.4299,
-39.9482

0.0000, NaN, NaN

122.6612, 0.9868,

0.0000, NaN, NaN

-40.4274

0.0000, NaN, NaN

136.7605, 0.5057,
-40.8583

■ 39.9491, 3.1213,
-36.2888

■ 39.9491, 3.1213,
-36.2888

■ 36.1390, 6.0384,
-45.0129

■ 44.0025, 0.8704,
-28.2155

■ 32.6120, 9.7187,
-54.4098

■ 48.2627, -0.8161,
-20.7346

■ 29.4170, 14.2285,
-64.4101

■ 52.7025, -2.0290,
-13.7691

■ 26.5901, 19.5092,
-74.8608

■ 57.2995, -2.8460,
-7.2436

■ 26.0449, 20.6329,
-77.0943

■ 62.0354, -3.3313,
-1.0892

■ 66.8955, -3.5374,
4.7540

■ 71.8675, -3.5069,
10.3369

■ 76.9414, -3.2745,
15.7020

■ 82.1087, -2.8683,
20.8851

Harmonies

Analogous

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



39.9498, -11.6721, -34.0200



39.9491, 3.1213, -36.2888



39.9498, 18.5791, -25.6774

Triad

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



39.9498, 3.1216, -36.2878



39.9498, 22.9329, 16.3001



39.9498, -26.1667, 10.5835

Complementary

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



39.9491, 3.1213, -36.2888



53.0953, 2.4734, 25.5249

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.



39.9498, -19.3326, 18.1972



39.9491, 3.1213, -36.2888



39.9498, 8.3930, 20.5334

Square

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



39.9498, 3.1216, -36.2878



39.9498, 31.1021, 6.7492



39.9498, -7.1308, 21.0650



39.9498, -27.1398, -3.0145

Rectangle

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



39.9491, 3.1213, -36.2888



39.9498, 26.6381, -14.4451



39.9498, -7.1308, 21.0650



39.9498, -24.5334, 13.7622

Sweetspot

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



39.9498, 3.1216, -36.2878



77.5783, -3.8884, -9.1985



58.6169, -32.5977, 10.9961



35.5462, -1.7306, -5.0551



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



39.9498, 3.1216, -36.2878



47.0692, 9.6356, -64.6643



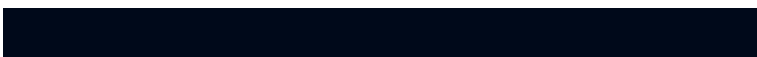
31.7621, 24.6282, -56.6708



29.5263, -1.5790, -0.9227



22.5383, 17.1033, -65.0920



5.2264, 0.4613, -7.5285

Inverse Universe

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



39.0847, 37.6616, 1.9290



47.4486, 61.5393, 5.1733



62.6648, -19.2424, 32.1464



29.2481, 1.4203, 1.2264



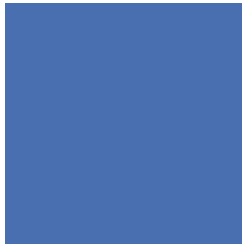
26.5574, 46.5369, 8.9698



4.8307, 8.6923, -0.1312

Previews

White Background



This preview shows how the HunterLab color 39.9491, 3.1213, -36.2888 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 39.9491, 3.1213, -36.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

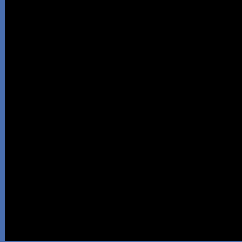
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

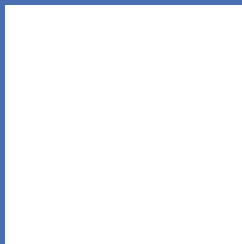
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 39.9491, 3.1213, -36.2888 Background



This preview shows how black text looks on a background with the HunterLab color 39.9491, 3.1213, -36.2888.



This preview shows how white text looks on a background with the HunterLab color 39.9491, 3.1213, -36.2888.

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

39.9491, 3.1213, -36.2888

Protanopia

40.0244, 5.9480, -34.5527

Deuteranopia

39.9491, 3.1213, -36.2888



Tritanopia

39.8207, -14.4549, -7.1605

Trichromacy



Original Color

39.9491, 3.1213, -36.2888

Protanomaly

40.0510, 4.7561, -35.2772

Deuteranomaly

39.9491, 3.1213, -36.2888

Tritanomaly

39.8162, -8.6438, -16.7213

Monochromacy



Original Color

39.9491, 3.1213, -36.2888

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.5019, -1.3285, -9.9148

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.9491, 3.1213, -36.2888 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(74, 111, 176)` looks like.

```
.text, #text, p{  
    color:rgb(74, 111, 176)  
}
```

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(74, 111, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 111, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 39.9491, 3.1213, -36.2888 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(74, 111, 176) }
```


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

```
.border{ border-color:rgb(74, 111, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 111, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 111, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 111, 176);  
box-shadow:4px 4px 4px 4px rgb(74, 111,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.9491, 3.1213, -36.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 111, 176) }
```

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

```
.background{ background-color: rgb(74, 111,  
176) }
```

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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