

Converting Colors

HunterLab(37.5211, -3.8399,
-18.6408)

Have a look what the booklet for
HunterLab(37.5211, -3.8399,
-18.6408) contains.

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Color

HunterLab(37.5211, -3.8399,
-18.6408)

Conversions

Conversions Part 1

Format	Color
Hex	476C90
RGB	71, 108, 144
RGB Percent	28%, 42%, 56%
CMY	0.7216, 0.5765, 0.4353
CMYK	0.51, 0.25, 0.00, 0.44
HSL	210°, 34%, 42%
HSV	210°, 51%, 56%
XYZ	12.9951, 14.0783, 28.4181
YIQ	101.0410, -33.6080, 3.3520

Conversions

Conversions Part 2

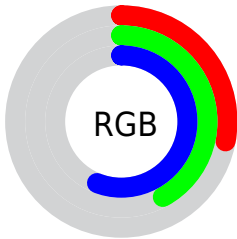
Format	Color
R_{YB}	71, 96, 144
Decimal	4680848
CIE _{Lab}	44.35, -2.52, -23.77
CIE _{LCh}	44, 23.903, 263.936
Yxy	14.0788, 0.2342, 0.2537
Android (android.graphics.Color)	4282870928 (0xFF476C90)
YUV	101.0410, 21.1788, -26.3460
Hunter-Lab	37.5211, -3.8399, -18.6408

Details

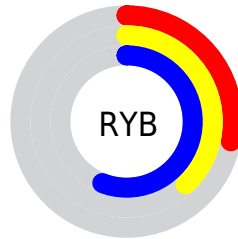
The HunterLab color $37.5211, -3.8399, -18.6408$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $41.1098, 5.7675, 16.8344$, and the grayscale version is $36.0225, -1.9221, 1.9572$.

A 20% lighter version of the original color is $57.5835, -4.9754, -19.6138$, and $20.5265, -2.7849, -17.3131$ is the 20% darker color. If you saturate the color by 10%, you get $34.8710, -2.9616, -23.4274$, and if you desaturate by 10%, it is $40.3099, -4.2982, -14.0462$.

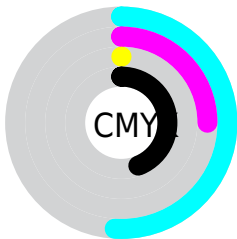
Distribution



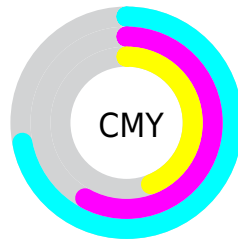
- Red (28%)
- Green (42%)
- Blue (56%)



- Red (28%)
- Yellow (38%)
- Blue (56%)



- Cyan (51%)
- Magenta (25%)
- Yellow (0%)
- Black (44%)



- Cyan (72%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5211, -3.8399, -18.6408 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 37.5211, -3.8399, -18.6408 by changing the saturation by 10% instead.

■ 37.5211, -3.8399,
-18.6408

■ 37.5211, -3.8399,
-18.6408

■ 147.5536,
-10.7957, -20.6479

■ 28.5929, -3.2008,
-18.1381

■ 57.6445, -5.2024,
-19.4926

■ 20.5121, -2.5895,
-17.6242

■ 68.7345, -5.9248,
-19.8285

■ 13.3801, -2.0040,
-17.2020

■ 80.4566, -6.6739,
-20.1036

■ 6.9362, -1.9567,
-18.8543

■ 92.7784, -7.4489,
-20.3200

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 105.6719, -8.2493,
-20.4800

0.0000, NaN, NaN

119.1128, -9.0742,

0.0000, NaN, NaN

-20.5863

0.0000, NaN, NaN

133.0798, -9.9233,
-20.6415

■ 37.5211, -3.8399,
-18.6408

■ 37.5211, -3.8399,
-18.6408

■ 34.8710, -2.9616,
-23.4274

■ 40.3099, -4.2982,
-14.0462

■ 32.3726, -1.6115,
-28.4057

■ 43.2217, -4.3870,
-9.6390

■ 30.0420, 0.2560,
-33.5580

■ 46.2450, -4.1532,
-5.4057

■ 27.8938, 2.6696,
-38.8500

■ 49.3691, -3.6384,
-1.3308

■ 26.0325, 5.2913,
-43.9609

■ 52.5849, -2.8787,
2.6018

■ 55.8842, -1.9051,
6.4083

■ 59.2601, -0.7439,
10.1036

■ 62.7066, 0.5824,
13.7015

■ 66.2185, 2.0549,
17.2144

Harmonies

Analogous

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



37.5218, -11.7865, -14.1142



37.5211, -3.8399, -18.6408



37.5218, 5.3850, -16.6446

Triad

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



37.5218, -3.8400, -18.6400



37.5218, 15.4212, 8.2040



37.5218, -15.1629, 10.6010

Complementary

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



37.5211, -3.8399, -18.6408



41.1098, 5.7675, 16.8344

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.



37.5218, -8.8622, 14.3214



37.5211, -3.8399, -18.6408



37.5218, 8.8961, 13.1866

Square

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



37.5218, -3.8400, -18.6400



37.5218, 17.0907, 0.2358



37.5218, -0.1322, 15.1398



37.5218, -17.9094, 3.7634

Rectangle

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



37.5211, -3.8399, -18.6408



37.5218, 10.9659, -12.0780



37.5218, -0.1322, 15.1398



37.5218, -13.4212, 12.1851

Sweetspot

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



37.5218, -3.8400, -18.6400



63.6346, -5.1907, -4.2402



47.2578, -25.3318, 11.4714



30.0983, -2.5460, -2.5211



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



37.5218, -3.8400, -18.6400



45.7800, -3.6966, -32.1271



28.3135, 13.2714, -37.5744



23.8294, -1.6911, -0.3462



24.3896, 4.7525, -40.7442



3.1770, -0.8405, -2.1567

Inverse Universe

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



33.9396, 27.1851, -3.3958



40.9709, 44.5470, -4.6133



50.9554, -10.6008, 24.2760



23.3813, 1.1919, 0.6095



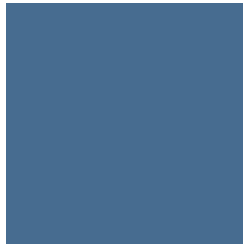
23.6365, 42.2699, 1.3849



2.4055, 4.4727, -1.1839

Previews

White Background



This preview shows how the HunterLab color 37.5211, -3.8399, -18.6408 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 37.5211, -3.8399, -18.6408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

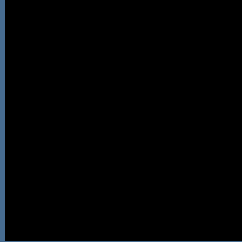
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

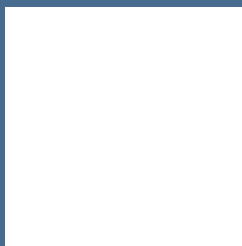
Any Text WCAG AAA × Fail

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

HunterLab 37.5211, -3.8399, -18.6408 Background



This preview shows how black text looks on a background with the HunterLab color 37.5211, -3.8399, -18.6408.



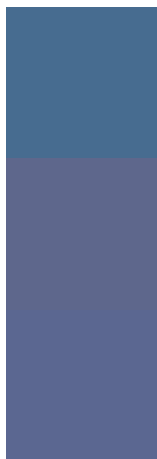
This preview shows how white text looks on a background with the HunterLab color 37.5211, -3.8399, -18.6408.

-18.6408.

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

37.5211, -3.8399, -18.6408

Protanopia

37.3813, 2.3891, -16.2763

Deuteranopia

37.3751, 2.7719, -19.4164



Tritanopia

37.4507, -11.7026, -5.7657

Trichromacy



Original Color

37.5211, -3.8399, -18.6408

Protanomaly

37.4228, -0.1575, -16.8669

Deuteranomaly

37.4597, 0.2926, -19.3116

Tritanomaly

37.5661, -9.2265, -9.7927

Monochromacy



Original Color

37.5211, -3.8399, -18.6408

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.5495, -3.5117, -4.8406

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5211, -3.8399, -18.6408 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(71, 108, 144)` looks like.

```
.text, #text, p{  
    color:rgb(71, 108, 144)  
}
```

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(71, 108, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 108, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5211, -3.8399, -18.6408 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(71, 108, 144) }
```


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

```
.border{ border-color:rgb(71, 108, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 108, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 108, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 108, 144);  
box-shadow:4px 4px 4px 4px rgb(71, 108,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5211, -3.8399, -18.6408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 108, 144) }
```

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

```
.background{ background-color: rgb(71, 108,  
144) }
```

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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