

Converting Colors

HunterLab(37.1832, 12.8694,
-60.3963)

Have a look what the booklet for
HunterLab(37.1832, 12.8694,
-60.3963) contains.

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Color

**HunterLab(37.2008, 12.7712,
-60.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	3B63C4
RGB	59, 99, 196
RGB Percent	23%, 39%, 77%
CMY	0.7686, 0.6118, 0.2314
CMYK	0.70, 0.49, 0.00, 0.23
HSL	222°, 54%, 50%
HSV	222°, 70%, 77%
XYZ	16.2293, 13.8390, 54.0403
YIQ	98.0980, -54.9770, 21.6870

Conversions

Conversions Part 2

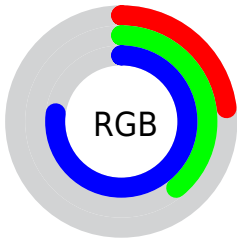
Format	Color
R_{YB}	59, 90, 196
Decimal	3892164
CIE _{Lab}	44.00, 18.77, -54.90
CIE _{LCh}	44, 58.017, 288.871
Yxy	13.8394, 0.1930, 0.1645
Android (android.graphics.Color)	4282082244 (0xFF3B63C4)
YUV	98.0980, 48.2657, -34.2889
Hunter-Lab	37.2008, 12.7712, -60.0880

Details

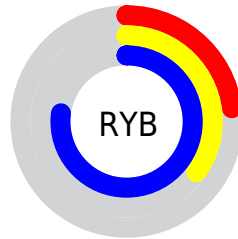
The HunterLab color **37.2008, 12.7712, -60.0880** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **59.8594, 0.9415, 32.8021**, and the grayscale version is **34.8260, -1.8582, 1.8922**.

A 20% lighter version of the original color is **57.2052, 13.7933, -60.8242**, and **21.1407, 14.3467, -57.3945** is the 20% darker color. If you saturate the color by 10%, you get **33.0775, 18.0651, -72.9125**, and if you desaturate by 10%, it is **41.7304, 8.4463, -48.3383**.

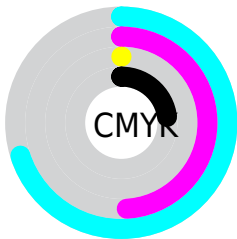
Distribution



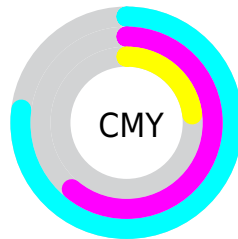
- Red (23%)
- Green (39%)
- Blue (77%)



- Red (23%)
- Yellow (35%)
- Blue (77%)



- Cyan (70%)
- Magenta (49%)
- Yellow (0%)
- Black (23%)



- Cyan (77%)
- Magenta (61%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.2008, 12.7712, -60.0880 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 37.2008, 12.7712, -60.0880 by changing the saturation by 10% instead.

■ 37.2008, 12.7712,
-60.0880

■ 37.2008, 12.7712,
-60.0880

■ 147.0474, 14.5044,
-66.1881

■ 28.3003, 12.1533,
-60.3056

■ 57.2746, 13.6833,
-60.9329

■ 20.2503, 11.4008,
-61.5579

■ 68.3422, 14.0025,
-61.6260

■ 13.1532, 10.4898,
-65.1635

■ 80.0432, 14.2440,
-62.3863

■ 6.6559, 11.9443,
-81.9219

■ 92.3448, 14.4152,
-63.1722

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.2190, 14.5221,
-63.9585

0.0000, NaN, -NF

118.6415, 14.5699,

0.0000, NaN, NaN

-64.7293

0.0000, NaN, NaN

132.5907, 14.5628,
-65.4746

■ 37.2008, 12.7712,
-60.0880

■ 37.2008, 12.7712,
-60.0880

■ 33.0775, 18.0651,
-72.9125

■ 41.7304, 8.4463,
-48.3383

■ 29.4446, 24.3544,
-86.5905

■ 46.5939, 4.9697,
-37.6574

■ 26.3618, 31.3813,
-100.6647

■ 51.7359, 2.2049,
-27.9323

■ 26.3314, 31.4566,
-100.8177

■ 57.1135, 0.0253,
-19.0215

■ 62.6934, -1.6761,
-10.7877

■ 68.4495, -2.9859,
-3.1105

■ 74.3613, -3.9733,
4.1114

■ 80.4124, -4.6932,
10.9609

■ 86.5895, -5.1892,
17.5055

Harmonies

Analogous

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



37.2013, -9.8355, -63.4379



37.2008, 12.7712, -60.0880



37.2013, 35.7171, -35.5609

Triad

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



37.2013, 12.7721, -60.0870



37.2013, 30.2763, 21.4136



37.2013, -35.1632, 9.0101

Complementary

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



37.2008, 12.7712, -60.0880



59.8594, 0.9415, 32.8021

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.



37.2013, -28.8792, 20.0037



37.2008, 12.7712, -60.0880



37.2013, 6.5715, 23.8564

Square

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



37.2013, 12.7721, -60.0870



37.2013, 47.3402, 12.8665



37.2013, -14.7525, 23.5582



37.2013, -34.2512, -13.5577

Rectangle

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



37.2008, 12.7712, -60.0880



37.2013, 46.5011, -15.6826



37.2013, -14.7525, 23.5582



37.2013, -33.8946, 13.8438

Sweetspot

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



37.2013, 12.7721, -60.0870



83.2877, -1.9620, -16.0613



65.4014, -39.5266, 11.5342



37.5511, -0.6271, -8.8452

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.2013, 12.7721, -60.0870



41.7778, 28.7467, -108.0183



30.1863, 38.2595, -83.3061



31.9632, -1.4160, -1.2620



21.4145, 24.3293, -79.2863



5.6633, 2.1187, -11.6523

Inverse Universe

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



39.7058, 50.0144, 7.7152



48.8037, 77.3193, 15.7309



69.4169, -26.8342, 38.7695



31.8201, 1.4854, 1.5939



27.8301, 48.3945, 12.2895



5.8909, 10.4483, 1.0159

Previews

White Background



This preview shows how the HunterLab color 37.2008, 12.7712, -60.0880 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 37.2008, 12.7712, -60.0880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

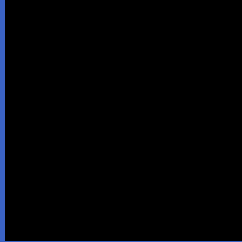
Any Text WCAG AA × Fail

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 37.2008, 12.7712, -60.0880 Background



This preview shows how black text looks on a background with the HunterLab color 37.2008, 12.7712, -60.0880.



This preview shows how white text looks on a background with the HunterLab color 37.2008, 12.7712, -60.0880.

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

37.2008, 12.7712, -60.0880

Protanopia

37.1464, 11.4072, -61.2232

Deuteranopia

37.1630, 1.7817, -50.2966



Tritanopia

37.0361, -17.7310, -8.0156

Trichromacy



Original Color

37.2008, 12.7712, -60.0880

Protanomaly

37.2860, 11.8418, -60.8138

Deuteranomaly

36.7887, 5.2215, -54.8305

Tritanomaly

36.4674, -8.5905, -24.5915

Monochromacy



Original Color

37.2008, 12.7712, -60.0880

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.1303, 1.1559, -16.3978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.2008, 12.7712, -60.0880 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(59, 99, 196)` looks like.

```
.text, #text, p{  
    color:rgb(59, 99, 196)  
}
```

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(59, 99, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 99, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 37.2008, 12.7712, -60.0880 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(59, 99, 196) }
```


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

```
.border{ border-color:rgb(59, 99, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 99, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 99, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 99, 196);  
box-shadow:4px 4px 4px 4px rgb(59, 99,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.2008, 12.7712, -60.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 99, 196) }
```

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

```
.background{ background-color: rgb(59, 99,  
196) }
```

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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