

Converting Colors

HunterLab(36.6870, -6.4001,
0.0165)

Have a look what the booklet for
HunterLab(36.6870, -6.4001, 0.0165)
contains.

HunterLab(36.7334, -6.3228, 0.0728)	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(36.7334, -6.3228,
0.0728)

Conversions

Conversions Part 1

Format	Color
Hex	596A6B
RGB	89, 106, 107
RGB Percent	35%, 42%, 42%
CMY	0.6510, 0.5843, 0.5804
CMYK	0.17, 0.01, 0.00, 0.58
HSL	183°, 9%, 38%
HSV	183°, 17%, 42%
XYZ	11.9277, 13.4934, 15.8857
YIQ	101.0310, -10.4530, -3.2930

Conversions

Conversions Part 2

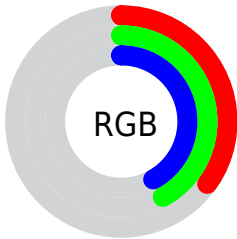
Format	Color
R_{YB}	89, 98, 107
Decimal	5859947
CIE _{Lab}	43.50, -6.13, -2.71
CIE _{LCh}	43, 6.698, 203.822
Yxy	13.4940, 0.2888, 0.3267
Android (android.graphics.Color)	4284050027 (0xFF596A6B)
YUV	101.0310, 2.9427, -10.5512
Hunter-Lab	36.7334, -6.3228, 0.0728

Details

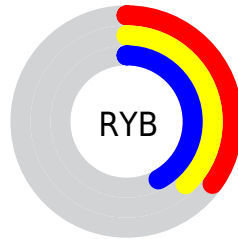
The HunterLab color $36.7334, -6.3228, 0.0728$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $33.4057, 3.1113, 3.8640$, and the grayscale version is $36.0789, -1.9251, 1.9602$.

A 20% lighter version of the original color is $56.6317, -8.0901, 0.8884$, and $19.9192, -4.6072, -0.5310$ is the 20% darker color. If you saturate the color by 10%, you get $35.8896, -8.5260, -1.0140$, and if you desaturate by 10%, it is $37.6632, -3.8624, 1.2427$.

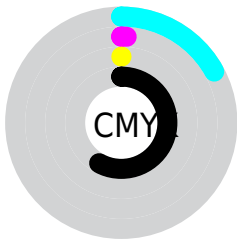
Distribution



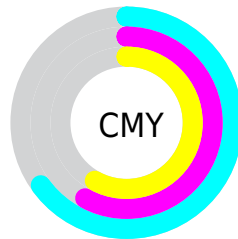
- Red (35%)
- Green (42%)
- Blue (42%)



- Red (35%)
- Yellow (38%)
- Blue (42%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (58%)



- Cyan (65%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7334, -6.3228, 0.0728 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 36.7334, -6.3228, 0.0728 by changing the saturation by 10% instead.

■ 36.7334, -6.3228,
0.0728

■ 36.7334, -6.3228,
0.0728

■ 146.3078,
-14.8286, 4.9585

■ 27.8740, -5.4475,
-0.2489

■ 56.7349, -8.1023,
0.8764

■ 19.8692, -4.5716,
-0.5087

■ 67.7697, -9.0121,
1.3472

■ 12.8236, -3.6813,
-0.6946

■ 79.4395, -9.9378,
1.8593

■ 6.2232, -4.6230,
-1.4633

■ 91.7116, -10.8804,
2.4101

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.5576,
-11.8405, 2.9973

0.0000, NaN, NaN

117.9531,

0.0000, NaN, NaN

-12.8185, 3.6188

0.0000, NaN, NaN

131.8762,
-13.8145, 4.2730

■ 36.7334, -6.3228,
0.0728

■ 36.7334, -6.3228,
0.0728

■ 35.8896, -8.5260,
-1.0140

■ 37.6632, -3.8624,
1.2427

■ 35.1308, -10.4513,
-2.0116

■ 38.6746, -1.1640,
2.4859

■ 34.4584, -12.0840,
-2.9126

■ 39.7658, 1.7497,
3.7945

■ 33.8718, -13.4139,
-3.7118

■ 40.9339, 4.8564,
5.1604

■ 33.3692, -14.4371,
-4.4061

■ 42.1755, 8.1345,
6.5760

■ 32.9474, -15.1576,
-4.9950

■ 43.4873, 11.5636,
8.0342

■ 32.6013, -15.5888,
-5.4816

■ 44.8658, 15.1248,
9.5287

■ 32.3113, -15.8036,
-5.8911

■ 46.3077, 18.8011,
11.0540

■ 32.2204, -15.8671,
-6.0202

■ 47.8096, 22.5770,
12.6050

Harmonies

Analogous

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



36.7342, -6.6920, 2.4960



36.7334, -6.3228, 0.0728



36.7342, -4.8004, -1.9513

Triad

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



36.7342, -6.3234, 0.0734



36.7342, 2.0634, -0.8497



36.7342, -1.4350, 6.3246

Complementary

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



36.7334, -6.3228, 0.0728



33.4057, 3.1113, 3.8640

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.



36.7342, 0.9653, 5.5551



36.7334, -6.3228, 0.0728



36.7342, 3.0201, 1.4961

Square

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



36.7342, -6.3234, 0.0734



36.7342, 0.0312, -2.5090



36.7342, 2.6129, 3.8267



36.7342, -3.9136, 6.0004

Rectangle

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



36.7334, -6.3228, 0.0728



36.7342, -3.3127, -2.7475



36.7342, 2.6129, 3.8267



36.7342, -0.5915, 6.1870

Sweetspot

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



36.7342, -6.3234, 0.0734



50.6185, -4.5830, 1.9360



36.5731, -9.2474, 6.7291



24.8689, -2.3462, 0.9099



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



36.7342, -6.3234, 0.0734



48.7190, -9.6067, -0.4599



34.2834, -2.4222, -2.9734



18.6134, -2.1915, 0.4899



35.5179, -17.4761, -6.6683



79.9097, -39.1245, -15.4216

Inverse Universe

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



33.6325, 6.0926, -3.2083



43.6862, 10.6270, -5.8864



35.7100, -0.9139, 6.2959



17.7796, 1.1195, -0.3586



22.2393, 43.2255, -25.4742



50.1582, 97.4246, -56.9452

Previews

White Background



This preview shows how the HunterLab color 36.7334, -6.3228, 0.0728 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 36.7334, -6.3228, 0.0728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

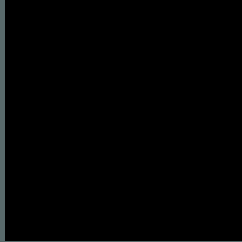
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

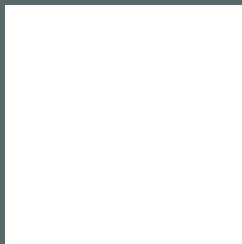
Any Text WCAG AAA × Fail

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

HunterLab 36.7334, -6.3228, 0.0728 Background



This preview shows how black text looks on a background with the HunterLab color 36.7334, -6.3228, 0.0728.



This preview shows how white text looks on a background with the HunterLab color 36.7334, -6.3228,

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

36.7334, -6.3228, 0.0728

Protanopia

36.6957, -0.9320, 1.0019

Deuteranopia

36.7587, 2.1718, -0.1949



Tritanopia

36.7002, -4.6512, -2.7059

Trichromacy



Original Color

36.7334, -6.3228, 0.0728

Protanomaly

36.5975, -2.6034, 0.4151

Deuteranomaly

36.6200, -1.0219, -0.4230

Tritanomaly

36.6395, -4.9888, -1.8463

Monochromacy



Original Color

36.7334, -6.3228, 0.0728

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.3609, -3.6019, 1.4186

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7334, -6.3228, 0.0728 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(89, 106, 107)` looks like.

```
.text, #text, p{  
    color:rgb(89, 106, 107)  
}
```

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(89, 106, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 106, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7334, -6.3228, 0.0728 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(89, 106, 107) }
```


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

```
.border{ border-color:rgb(89, 106, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 106, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 106, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 106, 107);  
box-shadow:4px 4px 4px 4px rgb(89, 106,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7334, -6.3228, 0.0728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 106, 107) }
```

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

```
.background{ background-color: rgb(89, 106,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor