

Converting Colors

HunterLab(36.2736, 5.4518,
-17.0110)

Have a look what the booklet for
HunterLab(36.2736, 5.4518,
-17.0110) contains.

HunterLab(36.2864, 5.3289, -16.8351)	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(36.2864, 5.3289,
-16.8351)**

Conversions

Conversions Part 1

Format	Color
Hex	62628A
RGB	98, 98, 138
RGB Percent	38%, 38%, 54%
CMY	0.6157, 0.6157, 0.4588
CMYK	0.29, 0.29, 0.00, 0.46
HSL	240°, 17%, 46%
HSV	240°, 29%, 54%
XYZ	13.9921, 13.1670, 25.8488
YIQ	102.5600, -12.8400, 12.4400

Conversions

Conversions Part 2

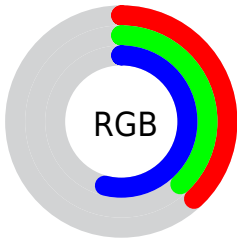
Format	Color
R_{YB}	98, 98, 138
Decimal	6447754
CIE _{Lab}	43.01, 9.64, -22.09
CIE _{LCh}	43, 24.101, 293.573
Yxy	13.1675, 0.2640, 0.2484
Android (android.graphics.Color)	4284637834 (0xFF62628A)
YUV	102.5600, 17.4719, -3.9991
Hunter-Lab	36.2864, 5.3289, -16.8351

Details

The HunterLab color $36.2864, 5.3289, -16.8351$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $49.4593, -7.9689, 16.4845$, and the grayscale version is $36.6027, -1.9530, 1.9887$.

A 20% lighter version of the original color is $56.3779, 5.3130, -17.6122$, and $19.5925, 4.9328, -15.7798$ is the 20% darker color. If you saturate the color by 10%, you get $31.7824, 8.6750, -25.1198$, and if you desaturate by 10%, it is $41.0018, 2.3287, -9.4640$.

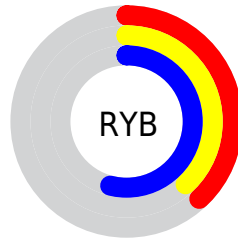
Distribution



Red (38%)

Green (38%)

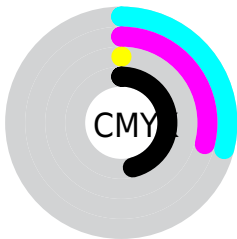
Blue (54%)



Red (38%)

Yellow (38%)

Blue (54%)

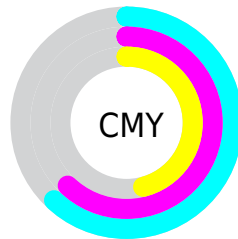


Cyan (29%)

Magenta (29%)

Yellow (0%)

Black (46%)



Cyan (62%)

Magenta (62%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.2864, 5.3289, -16.8351 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 36.2864, 5.3289, -16.8351 by changing the saturation by 10% instead.

■ 36.2864, 5.3289,
-16.8351

■ 36.2864, 5.3289,
-16.8351

■ 145.5983, 3.5114,
-18.4635

■ 27.4664, 5.2061,
-16.3610

■ 56.2178, 5.3262,
-17.6117

■ 19.5054, 4.9806,
-15.8636

■ 67.2210, 5.2221,
-17.9058

■ 12.5095, 4.6267,
-15.4366

■ 78.8609, 5.0588,
-18.1378

■ 5.7770, 6.9615,
-19.0366

■ 91.1046, 4.8418,
-18.3104

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 103.9234, 4.5753,
-18.4264

0.0000, NaN, NaN

■ 117.2928, 4.2628,

0.0000, NaN, NaN

-18.4888

0.0000, NaN, NaN

131.1909, 3.9073,
-18.5004

■ 36.2864, 5.3289,
-16.8351

■ 36.2864, 5.3289,
-16.8351

■ 31.7824, 8.6750,
-25.1198

■ 41.0018, 2.3287,
-9.4640

■ 27.5371, 12.4688,
-34.5848

■ 45.8918, -0.4062,
-2.7939

■ 23.6226, 16.8119,
-45.4997

■ 50.9318, -2.9394,
3.3415

■ 20.1438, 21.7455,
-57.9793

■ 56.1031, -5.3184,
9.0665

■ 17.2484, 27.0817,
-71.5501

■ 61.3912, -7.5785,
14.4743

■ 15.1184, 32.1223,
-84.4195

■ 66.7847, -9.7468,
19.6352

■ 13.6912, 36.2773,
-95.0558

■ 72.2746, -11.8434,
24.6027

■ 13.5463, 36.7436,
-96.2505

■ 77.8531, -13.8840,
29.4179

■ 83.5142, -15.8808,
34.1125

Harmonies

Analogous

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



36.2871, -3.8763, -18.7657



36.2864, 5.3289, -16.8351



36.2871, 13.2425, -9.3650

Triad

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



36.2871, 5.3285, -16.8343



36.2871, 9.0485, 12.9786



36.2871, -17.7414, 3.7897

Complementary

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



36.2864, 5.3289, -16.8351



49.4593, -7.9689, 16.4845

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.



36.2871, -14.9720, 10.5348



36.2864, 5.3289, -16.8351



36.2871, 0.0416, 14.9289

Square

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



36.2871, 5.3285, -16.8343



36.2871, 15.5339, 8.0216



36.2871, -8.6744, 14.1599



36.2871, -16.6245, -5.3324

Rectangle

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



36.2864, 5.3289, -16.8351



36.2871, 16.4183, -3.0548



36.2871, -8.6744, 14.1599



36.2871, -17.2437, 6.3745

Sweetspot

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



36.2871, 5.3285, -16.8343



60.7912, -0.4668, -3.8854



47.5286, -13.0756, -0.6225



28.3918, -0.0085, -2.3572



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



36.2871, 5.3285, -16.8343



44.0975, 10.0213, -29.6369



37.9155, 10.5576, -14.0521



22.1185, -0.1749, -1.4006



12.9709, 35.1828, -92.1620



1.0572, 2.8674, -7.5113

Inverse Universe

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



38.7568, 10.7197, 6.3914



48.2518, 18.6868, 9.7472



47.9140, -13.6047, 14.9869



22.4691, 0.6616, 1.8443



22.2577, 38.1170, 14.3823



1.8141, 3.1067, 1.1722

Previews

White Background



This preview shows how the HunterLab color 36.2864, 5.3289, -16.8351 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 36.2864, 5.3289, -16.8351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

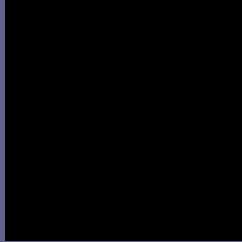
Any Text WCAG AA × Fail

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 36.2864, 5.3289, -16.8351 Background



This preview shows how black text looks on a background with the HunterLab color 36.2864, 5.3289, -16.8351.



This preview shows how white text looks on a background with the HunterLab color 36.2864, 5.3289, -16.8351.

-16.8351.

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

36.2864, 5.3289, -16.8351

Protanopia

36.3063, 2.8725, -18.0955

Deuteranopia

36.2953, 2.6746, -16.8664



Tritanopia

36.2979, -3.3603, -2.2573

Trichromacy



Original Color

36.2864, 5.3289, -16.8351

Protanomaly

36.2145, 3.8371, -17.6077

Deuteranomaly

36.2469, 3.8641, -16.9279

Tritanomaly

36.2226, -0.1936, -7.2920

Monochromacy



Original Color

36.2864, 5.3289, -16.8351

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.5171, 0.4856, -4.3169

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.2864, 5.3289, -16.8351 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(98, 98, 138)` looks like.

```
.text, #text, p{  
    color:rgb(98, 98, 138)  
}
```

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(98, 98, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 98, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 36.2864, 5.3289, -16.8351 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(98, 98, 138) }
```


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

```
.border{ border-color:rgb(98, 98, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 98, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 98, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 98, 138);  
box-shadow:4px 4px 4px 4px rgb(98, 98,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.2864, 5.3289, -16.8351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 98, 138) }
```

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

```
.background{ background-color: rgb(98, 98,  
138) }
```

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