

Converting Colors

HunterLab(36.5765, 5.8262,
-33.5275)

Have a look what the booklet for
HunterLab(36.5765, 5.8262,
-33.5275) contains.

HunterLab(36.5765, 5.8262, -33.5275)	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(36.5765, 5.8262,
-33.5275)**

Conversions

Conversions Part 1

Format	Color
Hex	4E64A3
RGB	78, 100, 163
RGB Percent	31%, 39%, 64%
CMY	0.6941, 0.6078, 0.3608
CMYK	0.52, 0.39, 0.00, 0.36
HSL	224°, 35%, 47%
HSV	224°, 52%, 64%
XYZ	14.3099, 13.3784, 36.4784
YIQ	100.6040, -33.3350, 14.9290

Conversions

Conversions Part 2

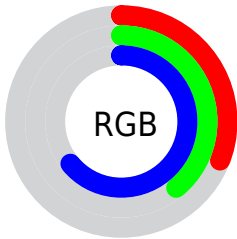
Format	Color
R_{YB}	78, 95, 163
Decimal	5137571
CIE _{Lab}	43.33, 10.27, -36.62
CIE _{LCh}	43, 38.029, 285.666
Yxy	13.3789, 0.2230, 0.2085
Android (android.graphics.Color)	4283327651 (0xFF4E64A3)
YUV	100.6040, 30.7612, -19.8237
Hunter-Lab	36.5765, 5.8262, -33.5275

Details

The HunterLab color $36.5765, 5.8262, -33.5275$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $52.3330, -2.8834, 24.0301$, and the grayscale version is $35.8232, -1.9114, 1.9463$.

A 20% lighter version of the original color is $56.6575, 5.5636, -34.4021$, and $19.7854, 5.4130, -32.7800$ is the 20% darker color. If you saturate the color by 10%, you get $32.5964, 9.0094, -42.7829$, and if you desaturate by 10%, it is $40.8005, 3.2426, -25.1553$.

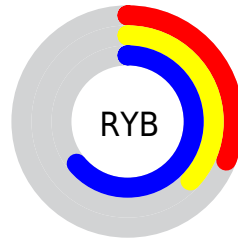
Distribution



Red (31%)

Green (39%)

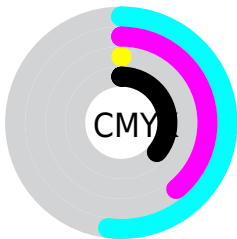
Blue (64%)



Red (31%)

Yellow (37%)

Blue (64%)

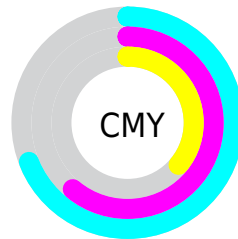


Cyan (52%)

Magenta (39%)

Yellow (0%)

Black (36%)



Cyan (69%)

Magenta (61%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5765, 5.8262, -33.5275 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 36.5765, 5.8262, -33.5275 by changing the saturation by 10% instead.

■ 36.5765, 5.8262,
-33.5275

■ 36.5765, 5.8262,
-33.5275

■ 146.0588, 4.2494,
-38.2719

■ 27.7308, 5.6701,
-32.9956

■ 56.5533, 5.8861,
-34.7937

■ 19.7413, 5.4084,
-32.7264

■ 67.5770, 5.8107,
-35.4202

■ 12.7131, 5.0157,
-33.1629

■ 79.2364, 5.6748,
-36.0125

■ 6.0704, 7.0470,
-41.2319

■ 91.4985, 5.4840,
-36.5615

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.3350, 5.2427,
-37.0630

0.0000, NaN, NaN

117.7213, 4.9545,

0.0000, NaN, NaN

-37.5153

0.0000, NaN, NaN

131.6357, 4.6225,
-37.9181

■ 36.5765, 5.8262,
-33.5275

■ 36.5765, 5.8262,
-33.5275

■ 32.5964, 9.0094,
-42.7829

■ 40.8005, 3.2426,
-25.1553

■ 28.9104, 12.9046,
-53.0218

■ 45.2270, 1.1496,
-17.5362

■ 25.5862, 17.5953,
-64.2206

■ 49.8265, -0.5447,
-10.5385

■ 22.7058, 23.0584,
-76.0856

■ 54.5756, -1.9153,
-4.0481

■ 20.7689, 27.6451,
-85.6372

■ 59.4564, -3.0216,
2.0302

■ 64.4545, -3.9103,
7.7739

■ 69.5584, -4.6186,
13.2453

■ 74.7586, -5.1756,
18.4943

■ 80.0472, -5.6048,
23.5613

Harmonies

Analogous

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



36.5771, -8.5584, -33.8193



36.5765, 5.8262, -33.5275



36.5771, 20.0298, -21.6092

Triad

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



36.5771, 5.8264, -33.5266



36.5771, 19.4739, 16.2633



36.5771, -25.0976, 7.9293

Complementary

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



36.5765, 5.8262, -33.5275



52.3330, -2.8834, 24.0301

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.



36.5771, -19.7244, 16.0280



36.5765, 5.8262, -33.5275



36.5771, 5.1558, 19.4197

Square

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



36.5771, 5.8264, -33.5266



36.5771, 28.7017, 8.4125



36.5771, -9.1332, 19.3546



36.5771, -24.9754, -5.8583

Rectangle

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



36.5765, 5.8262, -33.5275



36.5771, 26.8441, -10.6080



36.5771, -9.1332, 19.3546



36.5771, -23.9154, 11.2653

Sweetspot

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



36.5771, 5.8264, -33.5266



70.3744, -1.8487, -8.9499



54.5141, -26.6445, 5.9992



32.7647, -0.7066, -5.0439



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



36.5771, 5.8264, -33.5266



42.5895, 13.0301, -59.9184



32.6823, 21.2083, -42.3510



26.7286, -1.0786, -1.0796



18.4852, 23.8395, -74.5676



3.7877, 0.8221, -6.5091

Inverse Universe

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



37.6246, 29.6557, 4.7035



45.4162, 49.3087, 8.5227



57.0959, -19.1667, 27.3612



26.6733, 1.1401, 1.4384



24.8778, 43.1567, 11.7917



3.7051, 6.6184, 0.2762

Previews

White Background



This preview shows how the HunterLab color 36.5765, 5.8262, -33.5275 looks on a white background.

Color Contrast Check

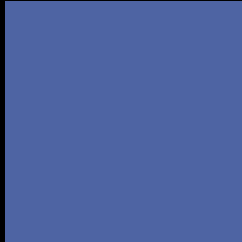
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.5765, 5.8262, -33.5275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

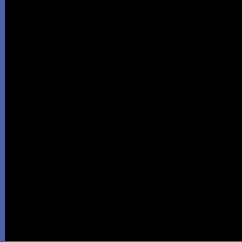
Any Text WCAG AA × Fail

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 36.5765, 5.8262, -33.5275 Background



This preview shows how black text looks on a background with the HunterLab color 36.5765, 5.8262, -33.5275.



This preview shows how white text looks on a background with the HunterLab color 36.5765, 5.8262, -33.5275.

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

36.5765, 5.8262, -33.5275

Protanopia

36.5765, 5.8262, -33.5275

Deuteranopia

36.5244, 2.8253, -32.9326



Tritanopia

36.4720, -11.0249, -5.5817

Trichromacy



Original Color

36.5765, 5.8262, -33.5275

Protanomaly

36.5765, 5.8262, -33.5275

Deuteranomaly

36.4605, 3.9885, -33.0488

Tritanomaly

36.4119, -5.6732, -14.3879

Monochromacy



Original Color

36.5765, 5.8262, -33.5275

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.1798, -0.1338, -8.9577

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5765, 5.8262, -33.5275 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(78, 100, 163)` looks like.

```
.text, #text, p{  
    color:rgb(78, 100, 163)  
}
```

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(78, 100, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 100, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5765, 5.8262, -33.5275 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(78, 100, 163) }
```


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

```
.border{ border-color:rgb(78, 100, 163) }
```

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

Here you see how a box with a 4 pixel rgb(78, 100, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 100, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 100, 163);  
box-shadow:4px 4px 4px 4px rgb(78, 100,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5765, 5.8262, -33.5275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 100, 163) }
```

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

```
.background{ background-color: rgb(78, 100,  
163) }
```

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