

Converting Colors

HunterLab(38.5180, 3.2361,
-33.9880)

Have a look what the booklet for
HunterLab(38.5180, 3.2361,
-33.9880) contains.

HunterLab(38.5173, 3.2359, -33.9889)	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(38.5173, 3.2359,
-33.9889)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6BA9
RGB	74, 107, 169
RGB Percent	29%, 42%, 66%
CMY	0.7098, 0.5804, 0.3373
CMYK	0.56, 0.37, 0.00, 0.34
HSL	219°, 39%, 48%
HSV	219°, 56%, 66%
XYZ	15.2432, 14.8358, 39.5964
YIQ	104.2010, -39.5700, 12.2860

Conversions

Conversions Part 2

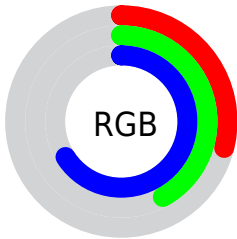
Format	Color
R_{YB}	74, 98, 169
Decimal	4877225
CIE _{Lab}	45.41, 6.96, -36.88
CIE _{LCh}	45, 37.530, 280.691
Yxy	14.8363, 0.2188, 0.2129
Android (android.graphics.Color)	4283067305 (0xFF4A6BA9)
YUV	104.2010, 31.9459, -26.4863
Hunter-Lab	38.5173, 3.2359, -33.9889

Details

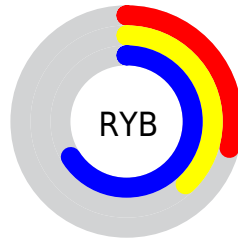
The HunterLab color **38.5173, 3.2359, -33.9889** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **51.5160, 1.3328, 24.3101**, and the grayscale version is **37.1770, -1.9837, 2.0199**.

A 20% lighter version of the original color is **58.7853, 3.0098, -35.5699**, and **21.2567, 3.2618, -32.9311** is the 20% darker color. If you saturate the color by 10%, you get **34.7823, 6.0259, -42.4465**, and if you desaturate by 10%, it is **42.4831, 1.0687, -26.1898**.

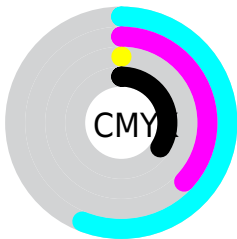
Distribution



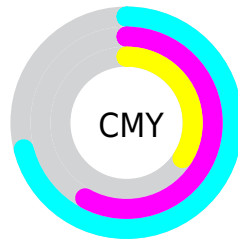
- Red (29%)
- Green (42%)
- Blue (66%)



- Red (29%)
- Yellow (38%)
- Blue (66%)



- Cyan (56%)
- Magenta (37%)
- Yellow (0%)
- Black (34%)



- Cyan (71%)
- Magenta (58%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.5173, 3.2359, -33.9889 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 38.5173, 3.2359, -33.9889 by changing the saturation by 10% instead.

■ 38.5173, 3.2359,
-33.9889

■ 38.5173, 3.2359,
-33.9889

■ 149.1219, 0.2189,
-38.7177

■ 29.5036, 3.2921,
-33.4313

■ 58.7927, 2.9156,
-35.2655

■ 21.3284, 3.2626,
-33.0948

■ 69.9517, 2.6670,
-35.8901

■ 14.0896, 3.1282,
-33.3432

■ 81.7390, 2.3669,
-36.4788

■ 7.7384, 3.5071,
-36.4829

■ 94.1228, 2.0196,
-37.0237

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 107.0756, 1.6285,
-37.5209

0.0000, NaN, NaN

120.5735, 1.1964,

0.0000, NaN, NaN

-37.9689

0.0000, NaN, NaN

134.5952, 0.7259,
-38.3677

■ 38.5173, 3.2359,
-33.9889

■ 38.5173, 3.2359,
-33.9889

■ 34.7823, 6.0259,
-42.4465

■ 42.4831, 1.0687,
-26.1898

■ 31.3172, 9.5362,
-51.5999

■ 46.6446, -0.5744,
-18.9806

■ 28.1713, 13.8395,
-61.3990

■ 50.9756, -1.7801,
-12.2791

■ 25.3927, 18.9178,
-71.6666

■ 55.4550, -2.6215,
-6.0070

■ 24.4173, 20.9449,
-75.7335

■ 60.0656, -3.1586,
-0.0949

■ 64.7934, -3.4403,
5.5170

■ 69.6271, -3.5058,
10.8789

■ 74.5572, -3.3872,
16.0324

■ 79.5758, -3.1102,
21.0123

Harmonies

Analogous

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



38.5180, -10.8245, -32.1373



38.5173, 3.2359, -33.9889



38.5180, 17.7926, -23.8245

Triad

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



38.5180, 3.2361, -33.9880



38.5180, 21.3665, 15.6592



38.5180, -24.9368, 9.8554

Complementary

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



38.5173, 3.2359, -33.9889



51.5160, 1.3328, 24.3101

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.



38.5180, -18.5565, 17.2403



38.5173, 3.2359, -33.9889



38.5180, 7.5718, 19.6344

Square

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



38.5180, 3.2361, -33.9880



38.5180, 29.2394, 6.6865



38.5180, -7.0794, 20.0805



38.5180, -25.7428, -3.1383

Rectangle

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



38.5173, 3.2359, -33.9889



38.5180, 25.3016, -13.2234



38.5180, -7.0794, 20.0805



38.5180, -23.4226, 12.9246

Sweetspot

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



38.5180, 3.2361, -33.9880



73.5485, -3.4062, -8.9319



56.2163, -30.3053, 9.6409



33.8003, -1.5020, -4.9004



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



38.5180, 3.2361, -33.9880



45.5949, 8.9175, -59.1656



31.3845, 22.7638, -51.1744



27.7684, -1.4315, -0.8888



21.2963, 17.5275, -64.4555



4.5362, 0.1983, -6.0978

Inverse Universe

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



37.9405, 34.5928, 2.2466



46.0754, 55.9125, 5.0854



59.8453, -18.5471, 30.1325



27.5386, 1.2941, 1.2061



25.5517, 44.7064, 9.1596



4.1047, 7.4076, -0.2802

Previews

White Background



This preview shows how the HunterLab color 38.5173, 3.2359, -33.9889 looks on a white background.

Color Contrast Check

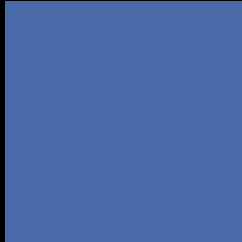
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.5173, 3.2359, -33.9889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

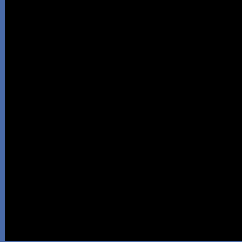
Any Text WCAG AA × Fail

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 38.5173, 3.2359, -33.9889 Background



This preview shows how black text looks on a background with the HunterLab color 38.5173, 3.2359, -33.9889.



This preview shows how white text looks on a background with the HunterLab color 38.5173, 3.2359, -33.9889.

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

38.5173, 3.2359, -33.9889

Protanopia

38.4421, 5.5467, -32.6009

Deuteranopia

38.4661, 3.0649, -34.1002



Tritanopia

38.5244, -13.5106, -6.3582

Trichromacy



Original Color

38.5173, 3.2359, -33.9889

Protanomaly

38.5236, 4.5431, -33.1979

Deuteranomaly

38.4661, 3.0649, -34.1002

Tritanomaly

38.4579, -8.0638, -15.2930

Monochromacy



Original Color

38.5173, 3.2359, -33.9889

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.4016, -1.2049, -9.3480

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.5173, 3.2359, -33.9889 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(74, 107, 169)` looks like.

```
.text, #text, p{  
    color:rgb(74, 107, 169)  
}
```

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(74, 107, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 107, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 38.5173, 3.2359, -33.9889 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(74, 107, 169) }
```


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

```
.border{ border-color:rgb(74, 107, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 107, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 107, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 107, 169);  
box-shadow:4px 4px 4px 4px rgb(74, 107,  
169) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.5173, 3.2359, -33.9889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 107, 169) }
```

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

```
.background{ background-color: rgb(74, 107,  
169) }
```

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