

Converting Colors

HunterLab(39.2938, 2.7860,
-32.8435)

Have a look what the booklet for
HunterLab(39.2938, 2.7860,
-32.8435) contains.

HunterLab(39.2649, 3.0452, -33.1774)	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(39.2649, 3.0452,
-33.1774)**

Conversions

Conversions Part 1

Format	Color
Hex	4D6DAA
RGB	77, 109, 170
RGB Percent	30%, 43%, 67%
CMY	0.6980, 0.5725, 0.3333
CMYK	0.55, 0.36, 0.00, 0.33
HSL	219°, 38%, 48%
HSV	219°, 55%, 67%
XYZ	15.7849, 15.4173, 40.1741
YIQ	106.3860, -38.6530, 12.1870

Conversions

Conversions Part 2

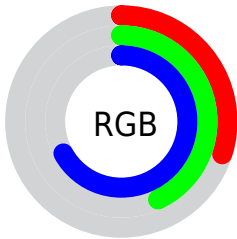
Format	Color
R_{YB}	77, 101, 170
Decimal	5074346
CIE _{Lab}	46.20, 6.73, -36.20
CIE _{LCh}	46, 36.824, 280.529
Yxy	15.4179, 0.2212, 0.2160
Android (android.graphics.Color)	4283264426 (0xFF4D6DAA)
YUV	106.3860, 31.3617, -25.7715
Hunter-Lab	39.2649, 3.0452, -33.1774

Details

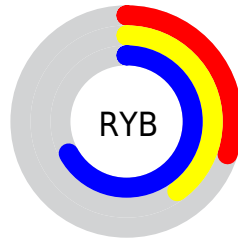
The HunterLab color $39.2649, 3.0452, -33.1774$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $52.2110, 0.9605, 24.2150$, and the grayscale version is $38.0069, -2.0280, 2.0650$.

A 20% lighter version of the original color is $59.6139, 2.9125, -34.7758$, and $21.9266, 3.0254, -31.9436$ is the 20% darker color. If you saturate the color by 10%, you get $35.4550, 5.7855, -41.6485$, and if you desaturate by 10%, it is $43.3034, 0.9190, -25.3710$.

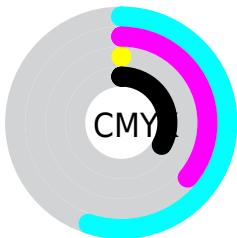
Distribution



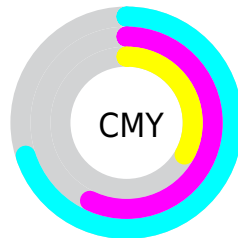
- Red (30%)
- Green (43%)
- Blue (67%)



- Red (30%)
- Yellow (40%)
- Blue (67%)



- Cyan (55%)
- Magenta (36%)
- Yellow (0%)
- Black (33%)



- Cyan (70%)
- Magenta (57%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.2649, 3.0452, -33.1774 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 39.2649, 3.0452, -33.1774 by changing the saturation by 10% instead.

■ 39.2649, 3.0452,
-33.1774

■ 39.2649, 3.0452,
-33.1774

■ 150.2936, -0.1007,
-37.7720

■ 30.1880, 3.1213,
-32.6036

■ 59.6528, 2.6900,
-34.4458

■ 21.9433, 3.1141,
-32.2180

■ 70.8628, 2.4257,
-35.0571

■ 14.6259, 3.0054,
-32.3384

■ 82.6985, 2.1109,
-35.6296

■ 8.2857, 3.0961,
-34.4421

■ 95.1283, 1.7497,
-36.1566

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 108.1251, 1.3453,
-36.6348

0.0000, NaN, NaN

121.6652, 0.9006,

0.0000, NaN, NaN

-37.0632

0.0000, NaN, NaN

135.7276, 0.4179,
-37.4421

■ 39.2649, 3.0452,
-33.1774

■ 39.2649, 3.0452,
-33.1774

■ 35.4550, 5.7855,
-41.6485

■ 43.3034, 0.9190,
-25.3710

■ 31.9122, 9.2401,
-50.8314

■ 47.5355, -0.6919,
-18.1555

■ 28.6861, 13.4890,
-60.6911

■ 51.9358, -1.8736,
-11.4459

■ 25.8307, 18.5402,
-71.0511

■ 56.4831, -2.6982,
-5.1630

■ 24.4505, 21.4099,
-76.7789

■ 61.1608, -3.2245,
0.7633

■ 65.9550, -3.5005,
6.3925

■ 70.8546, -3.5645,
11.7745

■ 75.8502, -3.4478,
16.9508

■ 80.9342, -3.1758,
21.9556

Harmonies

Analogous

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



39.2656, -10.8345, -31.3106



39.2649, 3.0452, -33.1774



39.2656, 17.3794, -23.3401

Triad

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



39.2656, 3.0454, -33.1764



39.2656, 21.0202, 15.6009



39.2656, -24.7700, 9.8831

Complementary

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



39.2649, 3.0452, -33.1774



52.2110, 0.9605, 24.2150

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.



39.2656, -18.3898, 17.2551



39.2649, 3.0452, -33.1774



39.2656, 7.4779, 19.6459

Square

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



39.2656, 3.0454, -33.1764



39.2656, 28.6980, 6.6155



39.2656, -6.9881, 20.1181



39.2656, -25.6041, -2.9396

Rectangle

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



39.2649, 3.0452, -33.1774



39.2656, 24.7715, -13.0017



39.2656, -6.9881, 20.1181



39.2656, -23.2509, 12.9360

Sweetspot

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



39.2656, 3.0454, -33.1764



75.0981, -3.4869, -8.2629



56.6981, -30.0118, 9.4848



34.8833, -1.5522, -4.6861



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



39.2656, 3.0454, -33.1764



46.5315, 8.8581, -59.0940



32.2993, 22.0608, -49.5215



27.7613, -1.4197, -0.8976



21.1963, 17.7822, -64.8803



4.5201, 0.2265, -6.1387

Inverse Universe

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



38.6764, 33.8155, 2.2444



47.0084, 55.8662, 5.1305



60.2981, -18.3861, 29.9289



27.5379, 1.2902, 1.2164



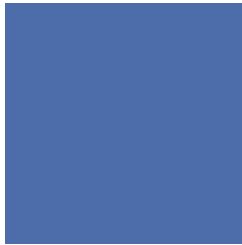
25.5433, 44.6755, 9.2820



4.1029, 7.4012, -0.2550

Previews

White Background



This preview shows how the HunterLab color 39.2649, 3.0452, -33.1774 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 39.2649, 3.0452, -33.1774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

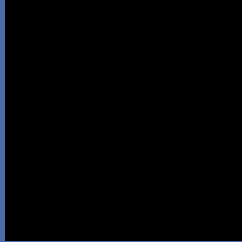
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

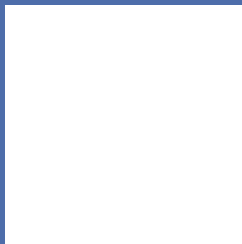
Any Text WCAG AAA × Fail

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

HunterLab 39.2649, 3.0452, -33.1774 Background



This preview shows how black text looks on a background with the HunterLab color 39.2649, 3.0452, -33.1774.



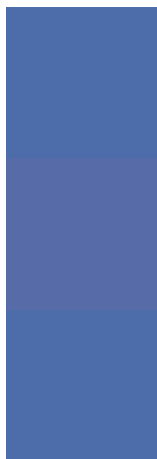
This preview shows how white text looks on a background with the HunterLab color 39.2649, 3.0452, -33.1774.

-33.1774.

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

39.2649, 3.0452, -33.1774

Protanopia

39.2030, 5.4121, -31.7759

Deuteranopia

39.2649, 3.0452, -33.1774



Tritanopia

39.3462, -13.3561, -6.2450

Trichromacy



Original Color

39.2649, 3.0452, -33.1774

Protanomaly

39.2794, 4.3858, -32.3781

Deuteranomaly

39.2649, 3.0452, -33.1774

Tritanomaly

39.2911, -7.8677, -15.1403

Monochromacy



Original Color

39.2649, 3.0452, -33.1774

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.1225, -1.4461, -8.8352

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.2649, 3.0452, -33.1774 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(77, 109, 170)` looks like.

```
.text, #text, p{  
    color:rgb(77, 109, 170)  
}
```

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(77, 109, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 109, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 39.2649, 3.0452, -33.1774 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(77, 109, 170) }
```


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

```
.border{ border-color:rgb(77, 109, 170) }
```

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

Here you see how a box with a 4 pixel rgb(77, 109, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 109, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 109, 170);  
box-shadow:4px 4px 4px 4px rgb(77, 109,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.2649, 3.0452, -33.1774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 109, 170) }
```

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

```
.background{ background-color: rgb(77, 109,  
170) }
```

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