

Converting Colors

HunterLab(59.3096, -33.0557,
3.1970)

Have a look what the booklet for
HunterLab(59.3096, -33.0557,
3.1970) contains.

HunterLab(59.4742, -33.2580, 3.3662)	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(59.4742,
-33.2580, 3.3662)**

Conversions

Conversions Part 1

Format	Color
Hex	30B39F
RGB	48, 179, 159
RGB Percent	19%, 70%, 62%
CMY	0.8117, 0.2980, 0.3765
CMYK	0.73, 0.00, 0.11, 0.30
HSL	171°, 58%, 45%
HSV	171°, 73%, 70%
XYZ	23.5970, 35.3718, 38.3846
YIQ	137.5510, -71.6560, -33.9920

Conversions

Conversions Part 2

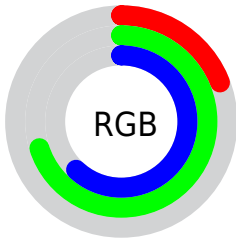
Format	Color
RYB	48, 119, 179
Decimal	3191711
CIELab	66.04, -39.36, 0.16
CIElCh	66, 39.358, 179.768
Yxy	35.3732, 0.2424, 0.3633
Android (android.graphics.Color)	4281381791 (0xFF30B39F)
YUV	137.5510, 10.5744, -78.5362
Hunter-Lab	59.4742, -33.2580, 3.3662

Details

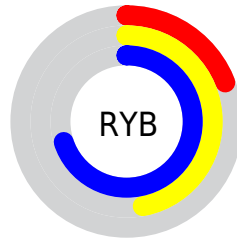
The HunterLab color **59.4742, -33.2580, 3.3662** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **34.8080, 45.1970, 12.9222**, and the grayscale version is **50.2162, -2.6794, 2.7283**.

A 20% lighter version of the original color is **82.3706, -38.4289, 4.2914**, and **39.6862, -24.2913, 2.8337** is the 20% darker color. If you saturate the color by 10%, you get **59.1002, -34.9170, 4.1330**, and if you desaturate by 10%, it is **59.9963, -31.0329, 2.7683**.

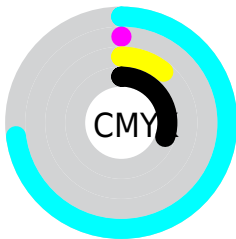
Distribution



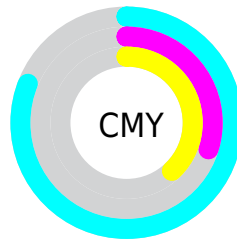
- Red (19%)
- Green (70%)
- Blue (62%)



- Red (19%)
- Yellow (47%)
- Blue (70%)



- Cyan (73%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)



- Cyan (81%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.4742, -33.2580, 3.3662 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 59.4742, -33.2580, 3.3662 by changing the saturation by 10% instead.

■ 59.4742, -33.2580,
3.3662

■ 59.4742, -33.2580,
3.3662

180.6135,
-55.8939, 10.0189

■ 48.9392, -30.3535,
2.7852

■ 82.5006, -38.7200,
4.6352

■ 39.1112, -27.2874,
2.2415

■ 94.9209, -41.3221,
5.3182

■ 30.0466, -24.0058,
1.7386

■ 107.9087,
-43.8592, 6.0318

■ 21.8162, -20.4242,
1.2801

■ 121.4401,
-46.3425, 6.7747

■ 14.5149, -16.4632,
0.8709

■ 135.4942,
-48.7812, 7.5458

■ 8.1760, -14.3079,
0.5258

150.0521,

0.0000, NaN, NaN

-51.1822, 8.3441

0.0000, NaN, NaN

165.0969,
-53.5515, 9.1688

0.0000, NaN, NaN

■ 59.4742, -33.2580,
3.3662

■ 59.4742, -33.2580,
3.3662

■ 59.1002, -34.9170,
4.1330

■ 59.9963, -31.0329,
2.7683

■ 58.8546, -36.0617,
5.0408

■ 60.6750, -28.2126,
2.3567

■ 58.7347, -36.6511,
5.7061

■ 61.5196, -24.7897,
2.1459

■ 62.5350, -20.7739,
2.1443

■ 63.7237, -16.1891,
2.3553

■ 65.0856, -11.0707,
2.7776

■ 66.6188, -5.4618,
3.4061

■ 68.3196, 0.5895,
4.2325

■ 70.1830, 7.0330,
5.2460

Harmonies

Analogous

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



59.4753, -29.5775, 17.2198



59.4742, -33.2580, 3.3662



59.4753, -29.6887, -14.9754

Triad

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



59.4753, -33.2583, 3.3669



59.4753, 14.4931, -31.8452



59.4753, 14.7561, 24.8054

Complementary

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



59.4742, -33.2580, 3.3662



34.8080, 45.1970, 12.9222

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.



59.4753, 28.9868, 17.0533



59.4742, -33.2580, 3.3662



59.4753, 28.8230, -15.2668

Square

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



59.4753, -33.2583, 3.3669



59.4753, -3.3129, -38.5588



59.4753, 34.4051, 3.1076



59.4753, -3.0403, 27.1972

Rectangle

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



59.4742, -33.2580, 3.3662



59.4753, -23.4113, -26.7976



59.4753, 34.4051, 3.1076



59.4753, 20.1868, 22.8765

Sweetspot

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



59.4753, -33.2583, 3.3669



85.4170, -21.1365, 3.1872



58.0956, -42.7714, 32.1949



39.9919, -10.7615, 1.4487



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



59.4753, -33.2583, 3.3669



78.8651, -47.7676, 6.2774



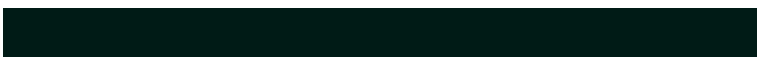
46.1580, -10.9073, -26.5317



30.9981, -4.2303, 1.4146



49.3806, -30.7620, 4.6849



8.7935, -5.2498, 0.3418

Inverse Universe

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



34.8080, 45.1970, 12.9222



42.7825, 69.0598, 21.8324



41.7075, 25.1202, 22.1635



29.1988, 1.1551, 1.9294



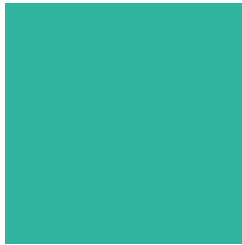
26.1450, 45.0163, 15.0169



4.7076, 8.2432, 1.6370

Previews

White Background



This preview shows how the HunterLab color 59.4742, -33.2580, 3.3662 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 59.4742, -33.2580, 3.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

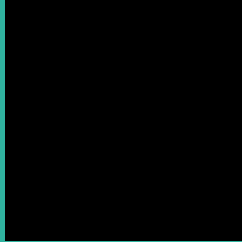
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 59.4742, -33.2580, 3.3662 Background



This preview shows how black text looks on a background with the HunterLab color 59.4742, -33.2580, 3.3662.



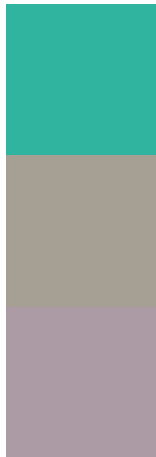
This preview shows how white text looks on a background with the HunterLab color 59.4742, -33.2580, 3.3662.

-33.2580, 3.3662.

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

59.4742, -33.2580, 3.3662

Protanopia

59.1048, -2.9846, 8.2630

Deuteranopia

58.7896, 4.2058, 0.8786



Tritanopia

59.5465, -24.1832, -11.6678

Trichromacy



Original Color

59.4742, -33.2580, 3.3662



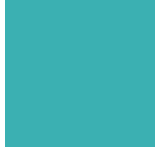
Protanomaly

58.0319, -17.4924, 5.1030



Deuteranomaly

57.7192, -13.2690, 0.2213



Tritanomaly

59.3252, -27.5004, -6.0200

Monochromacy



Original Color

59.4742, -33.2580, 3.3662



Achromatopsia

50.4135, -2.6899, 2.7391



Achromatomaly

52.7836, -16.6027, 1.6881

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.4742, -33.2580, 3.3662 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(48, 179, 159)` looks like.

```
.text, #text, p{  
  color:rgb(48, 179, 159)  
}
```

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(48, 179, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 179, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 59.4742, -33.2580, 3.3662 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(48, 179, 159) }
```


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

```
.border{ border-color:rgb(48, 179, 159) }
```

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

Here you see how a box with a 4 pixel rgb(48, 179, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 179, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 179, 159);  
box-shadow:4px 4px 4px 4px rgb(48, 179,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.4742, -33.2580, 3.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 179, 159) }
```

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

```
.background{ background-color: rgb(48, 179,  
159) }
```

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