

Converting Colors

HunterLab(51.5743, -42.7232,
2.3586)

Have a look what the booklet for
HunterLab(51.5743, -42.7232,
2.3586) contains.

HunterLab(53.6691, -33.4263, 5.0760)	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(53.6691,
-33.4263, 5.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	00A58C
RGB	0, 165, 140
RGB Percent	0%, 65%, 55%
CMY	0.9999, 0.3529, 0.4510
CMYK	1.00, 0.00, 0.15, 0.35
HSL	171°, 100%, 32%
HSV	171°, 100%, 65%
XYZ	18.1888, 28.8037, 29.4120
YIQ	112.8150, -90.3150, -42.7550

Conversions

Conversions Part 2

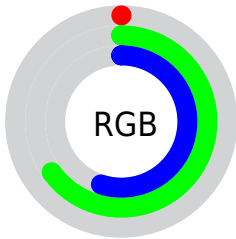
Format	Color
RYB	0, 89, 165
Decimal	42380
CIELab	60.61, -42.07, 2.80
CIELCh	61, 42.168, 176.196
Yxy	28.8048, 0.2381, 0.3770
Android (android.graphics.Color)	4278232460 (0xFF00A58C)
YUV	112.8150, 13.4022, -98.9388
Hunter-Lab	53.6691, -33.4263, 5.0760

Details

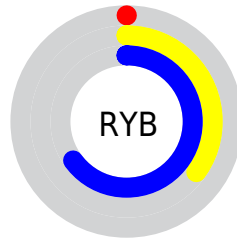
The HunterLab color **53.6691, -33.4263, 5.0760** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **28.4083, 48.8937, 16.4392**, and the grayscale version is **40.5433, -2.1633, 2.2028**.

A 20% lighter version of the original color is **76.0516, -39.4514, 6.8394**, and **35.1092, -22.6000, 4.9036** is the 20% darker color. If you saturate the color by 10%, you get **53.6699, -33.4275, 5.0776**, and if you desaturate by 10%, it is **53.8462, -32.5767, 4.2130**.

Distribution



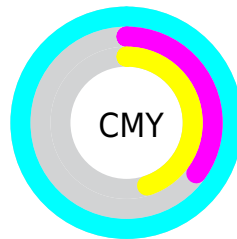
- Red (0%)
- Green (65%)
- Blue (55%)



- Red (0%)
- Yellow (35%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (35%)





- Cyan (100%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 53.6691, -33.4263, 5.0760 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 53.6691, -33.4263, 5.0760 by changing the saturation by 10% instead.


 53.6691, -33.4263,
5.0760


 53.6691, -33.4263,
5.0760


172.1316,
-57.5751, 12.5846

 43.5123, -30.2556,
4.3717


 76.0045, -39.3300,
6.5680


 34.0911, -26.8783,
3.6944


 88.1057, -42.1210,
7.3535

 25.4693, -23.2206,
3.0444


 100.7885,
-44.8313, 8.1646

 17.7294, -19.1626,
2.4204

 114.0276,
-47.4751, 9.0008

 10.9864, -17.7771,
1.8180

 127.8003,
-50.0633, 9.8615

 2.5965, -4.5439,
1.8176

 142.0869,

0.0000, NaN, NaN

-52.6049, 10.7461

0.0000, NaN, NaN

156.8693,
-55.1068, 11.6539

0.0000, NaN, NaN

■ 53.6691, -33.4263,
5.0760

■ 53.6691, -33.4263,
5.0760

■ 53.6699, -33.4275,
5.0776

■ 53.8462, -32.5767,
4.2130

■ 54.1103, -31.3742,
3.4400

■ 54.4973, -29.6875,
2.8045

■ 55.0202, -27.4780,
2.3275

■ 55.6884, -24.7272,
2.0245

■ 56.5081, -21.4341,
1.9061

■ 57.4831, -17.6120,
1.9782

■ 58.6146, -13.2862,
2.2423

■ 59.9020, -8.4910,
2.6960

Harmonies

Analogous

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



53.6701, -28.8859, 18.2983



53.6691, -33.4263, 5.0760



53.6701, -30.7176, -13.8888

Triad

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



53.6701, -33.4265, 5.0766



53.6701, 13.4169, -36.1977



53.6701, 17.9524, 23.8273

Complementary

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



53.6691, -33.4263, 5.0760



28.4083, 48.8937, 16.4392

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.



53.6701, 32.1574, 15.6027



53.6691, -33.4263, 5.0760



53.6701, 29.3043, -19.0136

Square

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



53.6701, -33.4265, 5.0766



53.6701, -5.1613, -41.8563



53.6701, 36.5634, 0.6730



53.6701, -0.5327, 26.6047

Rectangle

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



53.6691, -33.4263, 5.0760



53.6701, -24.9412, -26.9695



53.6701, 36.5634, 0.6730



53.6701, 23.4767, 21.7763

Sweetspot

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



53.6701, -33.4265, 5.0766



76.8470, -23.8742, 2.6351



52.1070, -43.4972, 31.3460



35.6784, -12.1481, 1.2024



90.9709, -4.8540, 4.9426



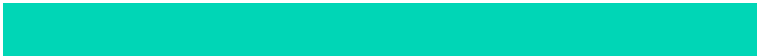
38.3822, -2.0480, 2.0854

Same Dimension

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



53.6701, -33.4265, 5.0766



71.8061, -44.8355, 7.0356



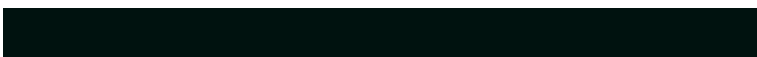
37.2430, -5.8935, -33.8263



28.2714, -3.8277, 1.2893



46.6863, -29.0360, 4.3266



6.8020, -4.0007, 0.1346

Inverse Universe

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



28.4083, 48.8937, 16.4392



37.9909, 65.3416, 22.3696



32.7617, 34.6611, 20.7934



26.6508, 1.0188, 1.7598



24.7176, 42.5645, 14.1522



3.6481, 6.4099, 1.0977

Previews

White Background



This preview shows how the HunterLab color 53.6691, -33.4263, 5.0760 looks on a white 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

Black Background



This preview shows how the HunterLab color 53.6691, -33.4263, 5.0760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

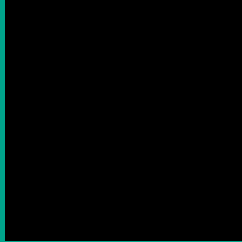
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 53.6691, -33.4263, 5.0760 Background



This preview shows how black text looks on a background with the HunterLab color 53.6691, -33.4263, 5.0760.



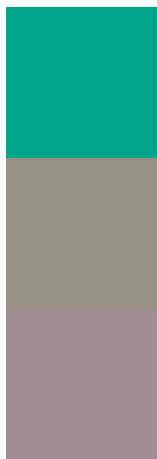
This preview shows how white text looks on a background with the HunterLab color 53.6691, -33.4263, 5.0760.

-33.4263, 5.0760.

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

53.6691, -33.4263, 5.0760

Protanopia

53.3959, -3.0601, 9.7872

Deuteranopia

53.3526, 3.4357, 3.1666



Tritanopia

53.6093, -23.0935, -11.0950

Trichromacy



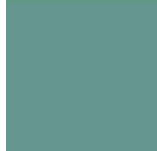
Original Color

53.6691, -33.4263, 5.0760



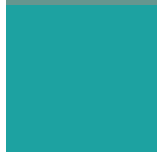
Protanomaly

51.6636, -19.9574, 6.0196



Deuteranomaly

51.5389, -16.6612, 1.5715



Tritanomaly

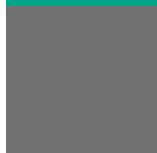
53.5491, -27.5097, -4.8180

Monochromacy



Original Color

53.6691, -33.4263, 5.0760



Achromatopsia

40.6365, -2.1683, 2.2079



Achromatomaly

43.9435, -18.0061, 1.4794

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.6691, -33.4263, 5.0760 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(0, 165, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 140)  
}
```

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(0, 165, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 53.6691, -33.4263, 5.0760 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(0, 165, 140) }
```


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

```
.border{ border-color:rgb(0, 165, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 165, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 165,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.6691, -33.4263, 5.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 165, 140) }
```

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

```
.background{ background-color: rgb(0, 165,  
140) }
```

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](#).

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