

Converting Colors

HunterLab(45.5946, -58.0092,
4.0145)

Have a look what the booklet for
HunterLab(45.5946, -58.0092,
4.0145) contains.

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Color

**HunterLab(51.1394,
-34.3854, 10.3085)**

Conversions

Conversions Part 1

Format	Color
Hex	009F78
RGB	0, 159, 120
RGB Percent	0%, 62%, 47%
CMY	0.9999, 0.3765, 0.5294
CMYK	1.00, 0.00, 0.25, 0.38
HSL	165°, 100%, 31%
HSV	165°, 100%, 62%
XYZ	15.7883, 26.1524, 21.9851
YIQ	107.0130, -82.2450, -45.8370

Conversions

Conversions Part 2

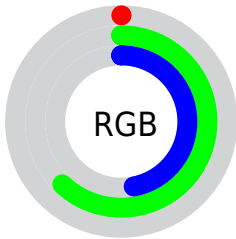
Format	Color
RYB	0, 91, 159
Decimal	40824
CIELab	58.18, -44.89, 10.57
CIELCh	58, 46.120, 166.755
Yxy	26.1534, 0.2470, 0.4091
Android (android.graphics.Color)	4278230904 (0xFF009F78)
YUV	107.0130, 6.4026, -93.8504
Hunter-Lab	51.1394, -34.3854, 10.3085

Details

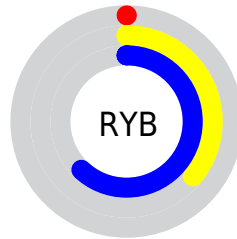
The HunterLab color **51.1394, -34.3854, 10.3085** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **27.4192, 47.4877, 13.5732**, and the grayscale version is **38.3504, -2.0463, 2.0836**.

A 20% lighter version of the original color is **73.2825, -40.8812, 12.8632**, and **32.8070, -23.1815, 9.0363** is the 20% darker color. If you saturate the color by 10%, you get **51.1402, -34.3867, 10.3102**, and if you desaturate by 10%, it is **51.3414, -33.3758, 9.0685**.

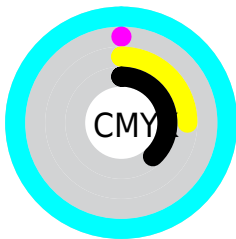
Distribution



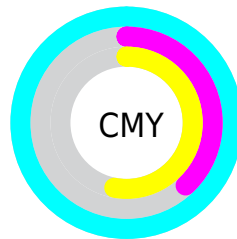
- Red (0%)
- Green (62%)
- Blue (47%)



- Red (0%)
- Yellow (36%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1394, -34.3854, 10.3085 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 51.1394, -34.3854, 10.3085 by changing the saturation by 10% instead.

■ 51.1394, -34.3854,
10.3085

■ 51.1394, -34.3854,
10.3085

168.3848,
-59.9854, 20.8902

■ 41.1563, -30.9732,
9.1478

■ 73.1589, -40.6995,
12.6153

■ 31.9227, -27.3186,
7.9696

■ 85.1147, -43.6695,
13.7709

■ 23.5064, -23.3330,
6.7590

■ 97.6589, -46.5458,
14.9325

■ 15.9962, -18.8733,
5.4889

■ 110.7651,
-49.3446, 16.1024

■ 9.5183, -16.6571,
5.1209

■ 124.4103,
-52.0789, 17.2821

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.5738,

-54.7585, 18.4727

0.0000, NaN, NaN

153.2375,
-57.3918, 19.6752

0.0000, NaN, NaN

■ 51.1394, -34.3854,
10.3085

■ 51.1394, -34.3854,
10.3085

■ 51.1402, -34.3867,
10.3102

■ 51.3414, -33.3758,
9.0685

■ 51.6281, -32.0162,
7.8779

■ 52.0351, -30.1766,
6.7834

■ 52.5744, -27.8229,
5.8075

■ 53.2546, -24.9413,
4.9689

■ 54.0814, -21.5345,
4.2819

■ 55.0577, -17.6190,
3.7569

■ 56.1845, -13.2227,
3.4003

■ 57.4609, -8.3814,
3.2147

Harmonies

Analogous

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



51.1404, -27.3068, 21.7052



51.1394, -34.3854, 10.3085



51.1404, -33.9448, -8.6194

Triad

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



51.1404, -34.3857, 10.3090



51.1404, 8.5479, -44.5815



51.1404, 25.6160, 22.5641

Complementary

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



51.1394, -34.3854, 10.3085



27.4192, 47.4877, 13.5732

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.



51.1404, 38.4121, 12.0463



51.1394, -34.3854, 10.3085



51.1404, 27.5906, -28.2276

Square

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



51.1404, -34.3857, 10.3090



51.1404, -11.0522, -45.6105



51.1404, 39.1847, -6.0936



51.1404, 6.1578, 26.7734

Rectangle

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



51.1394, -34.3854, 10.3085



51.1404, -29.4693, -23.5307



51.1404, 39.1847, -6.0936



51.1404, 30.9587, 19.8753

Sweetspot

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



51.1404, -34.3857, 10.3090



73.5982, -23.9002, 5.0622



50.2430, -40.7999, 30.2447



34.6899, -12.3668, 2.5259



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



51.1404, -34.3857, 10.3090



68.4136, -46.1603, 14.1357



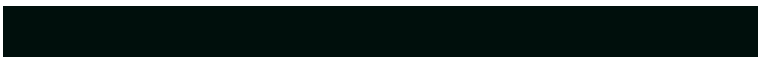
39.6964, -11.5262, -24.7338



27.3526, -3.8027, 1.5242



45.4563, -30.5140, 9.0545



6.1289, -3.7732, 0.4846

Inverse Universe

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



27.4192, 47.4877, 13.5732



36.6562, 63.4190, 18.6935



29.7873, 38.0560, 19.0202



25.8293, 1.0765, 1.4321



24.3790, 42.2482, 11.8889



3.3514, 5.9848, 0.2632

Previews

White Background



This preview shows how the HunterLab color 51.1394, -34.3854, 10.3085 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 51.1394, -34.3854, 10.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

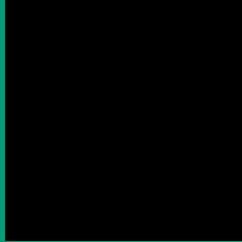
Any Text WCAG AA ✓ Pass

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 51.1394, -34.3854, 10.3085 Background



This preview shows how black text looks on a background with the HunterLab color 51.1394, -34.3854, 10.3085.



This preview shows how white text looks on a background with the HunterLab color 51.1394,

-34.3854, 10.3085.

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

51.1394, -34.3854, 10.3085

Protanopia

50.8792, -3.9276, 14.0923

Deuteranopia

50.7195, 3.4327, 8.2391



Tritanopia

51.1888, -21.4146, -10.0636

Trichromacy



Original Color

51.1394, -34.3854, 10.3085

Protanomaly

49.1450, -20.8720, 10.7117

Deuteranomaly

48.7950, -16.9247, 6.6008

Tritanomaly

50.9114, -26.8905, -2.2126

Monochromacy



Original Color

51.1394, -34.3854, 10.3085

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

41.6179, -18.0632, 3.4901

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1394, -34.3854, 10.3085 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, 159, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 120)  
}
```

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, 159, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1394, -34.3854, 10.3085 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, 159, 120) }
```


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

```
.border{ border-color:rgb(0, 159, 120) }
```

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

Here you see how a box with a 4 pixel rgb(0, 159, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1394, -34.3854, 10.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 159, 120) }
```

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

```
.background{ background-color: rgb(0, 159,  
120) }
```

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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