

Converting Colors

HunterLab(52.3157, -34.8815,
15.2182)

Have a look what the booklet for
HunterLab(52.3157, -34.8815,
15.2182) contains.

HunterLab(52.3804, -34.9758, 15.2877)	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(52.3804,
-34.9758, 15.2877)**

Conversions

Conversions Part 1

Format	Color
Hex	2AA26D
RGB	42, 162, 109
RGB Percent	16%, 64%, 43%
CMY	0.8353, 0.3647, 0.5725
CMYK	0.74, 0.00, 0.33, 0.36
HSL	153°, 59%, 40%
HSV	153°, 74%, 64%
XYZ	16.6355, 27.4371, 18.8871
YIQ	120.0780, -54.5070, -41.9230

Conversions

Conversions Part 2

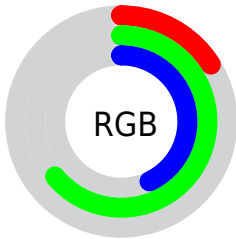
Format	Color
R_{YB}	42, 119, 162
Decimal	2794093
CIE _{Lab}	59.38, -45.21, 18.42
CIE _{LCh}	59, 48.823, 157.835
Yxy	27.4382, 0.2642, 0.4358
Android (android.graphics.Color)	4280984173 (0xFF2AA26D)
YUV	120.0780, -5.4615, -68.4744
Hunter-Lab	52.3804, -34.9758, 15.2877

Details

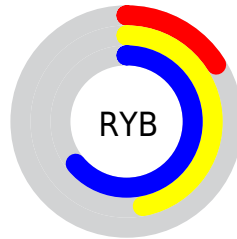
The HunterLab color **52.3804, -34.9758, 15.2877** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **31.8813, 43.8386, 0.2764**, and the grayscale version is **43.4054, -2.3160, 2.3583**.

A 20% lighter version of the original color is **74.6453, -41.3615, 18.4900**, and **33.5771, -25.2101, 12.4530** is the 20% darker color. If you saturate the color by 10%, you get **51.9759, -36.9281, 17.0871**, and if you desaturate by 10%, it is **52.9263, -32.4565, 13.4814**.

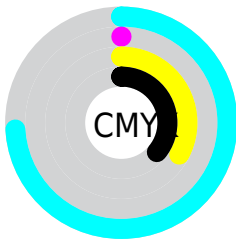
Distribution



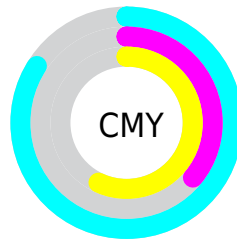
- Red (16%)
- Green (64%)
- Blue (43%)



- Red (16%)
- Yellow (47%)
- Blue (64%)



- Cyan (74%)
- Magenta (0%)
- Yellow (33%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.3804, -34.9758, 15.2877 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 52.3804, -34.9758, 15.2877 by changing the saturation by 10% instead.

■ 52.3804, -34.9758,
15.2877

■ 52.3804, -34.9758,
15.2877

170.2270,
-60.6363, 29.2173

■ 42.3114, -31.5660,
13.6249

■ 74.5561, -41.2955,
18.4882

■ 32.9849, -27.9197,
11.8950

■ 86.5837, -44.2712,
20.0484

■ 24.4668, -23.9522,
10.0675

■ 99.1964, -47.1543,
21.5923

■ 16.8425, -19.5259,
8.0920

■ 112.3682,
-49.9608, 23.1252

■ 10.2327, -17.9073,
7.1629

■ 126.0764,
-52.7032, 24.6513

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 140.3007,

-55.3914, 26.1738

0.0000, NaN, NaN

155.0230,
-58.0335, 27.6951

0.0000, NaN, NaN

■ 52.3804, -34.9758,
15.2877

■ 52.3804, -34.9758,
15.2877

■ 51.9759, -36.9281,
17.0871

■ 52.9263, -32.4565,
13.4814

■ 51.6955, -38.3538,
18.8504

■ 53.6204, -29.3512,
11.6930

■ 51.5631, -39.0513,
19.8512

■ 54.4702, -25.6632,
9.9477

■ 55.4792, -21.4119,
8.2675

■ 56.6485, -16.6298,
6.6719

■ 57.9768, -11.3590,
5.1768

■ 59.4615, -5.6477,
3.7944

■ 61.0982, 0.4530,
2.5336

■ 62.8817, 6.8921,
1.3996

Harmonies

Analogous

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



52.3814, -25.1763, 24.9034



52.3804, -34.9758, 15.2877



52.3814, -36.8717, -2.6144

Triad

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



52.3814, -34.9763, 15.2881



52.3814, 2.7760, -50.6981



52.3814, 32.7472, 21.2549

Complementary

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



52.3804, -34.9758, 15.2877



31.8813, 43.8386, 0.2764

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.



52.3814, 43.0929, 7.7848



52.3804, -34.9758, 15.2877



52.3814, 24.1109, -37.0618

Square

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



52.3814, -34.9763, 15.2881



52.3814, -17.0721, -46.1465



52.3814, 39.7074, -13.6615



52.3814, 13.1904, 27.2905

Rectangle

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



52.3804, -34.9758, 15.2877



52.3814, -33.7263, -18.2474



52.3814, 39.7074, -13.6615



52.3814, 37.5462, 17.7072

Sweetspot

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



52.3814, -34.9763, 15.2881



76.6069, -21.2758, 8.6465



53.3815, -32.6831, 29.8880



36.0999, -10.9090, 4.3502



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.



52.3814, -34.9763, 15.2881



69.7625, -51.1015, 24.6035



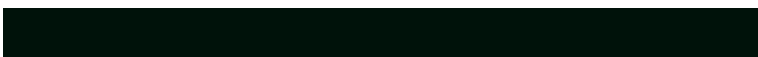
51.8449, -24.0530, -7.5671



28.2102, -4.1684, 2.1630



45.7759, -34.6018, 17.4795



6.7053, -4.5870, 1.5209

Inverse Universe

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



31.8813, 43.8386, 0.2764



39.5218, 66.2826, 4.8608



31.5643, 37.3704, 15.9888



26.7124, 1.3502, 0.8816



25.3456, 44.8745, 4.9877



3.8005, 6.9630, -1.0682

Previews

White Background



This preview shows how the HunterLab color 52.3804, -34.9758, 15.2877 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 52.3804, -34.9758, 15.2877 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 52.3804, -34.9758, 15.2877 Background



This preview shows how black text looks on a background with the HunterLab color 52.3804, -34.9758, 15.2877.



This preview shows how white text looks on a background with the HunterLab color 52.3804,

-34.9758, 15.2877.

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

52.3804, -34.9758, 15.2877

Protanopia

51.9985, -4.7995, 18.2100

Deuteranopia

51.8126, 3.7781, 13.4324



Tritanopia

52.4039, -19.9023, -9.4207

Trichromacy



Original Color

52.3804, -34.9758, 15.2877



Protanomaly

50.9754, -19.1532, 16.1505



Deuteranomaly

50.4342, -14.4600, 12.4582



Tritanomaly

52.4012, -26.2350, 1.0609

Monochromacy



Original Color

52.3804, -34.9758, 15.2877



Achromatopsia

43.3383, -2.3124, 2.3547



Achromatomaly

45.6774, -16.5111, 6.4100

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.3804, -34.9758, 15.2877 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(42, 162, 109)` looks like.

```
.text, #text, p{  
    color:rgb(42, 162, 109)  
}
```

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(42, 162, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 162, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 52.3804, -34.9758, 15.2877 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(42, 162, 109) }
```


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

```
.border{ border-color:rgb(42, 162, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 162, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 162, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 162, 109);  
box-shadow:4px 4px 4px 4px rgb(42, 162,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.3804, -34.9758, 15.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 162, 109) }
```

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

```
.background{ background-color: rgb(42, 162,  
109) }
```

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