

Converting Colors

HunterLab(59.3230, -45.3958,
23.8479)

Have a look what the booklet for
HunterLab(59.3230, -45.3958,
23.8479) contains.

HunterLab(59.3143, -45.4400, 23.9541)	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(59.3143,
-45.4400, 23.9541)**

Conversions

Conversions Part 1

Format	Color
Hex	00B863
RGB	0, 184, 99
RGB Percent	0%, 72%, 39%
CMY	1.0000, 0.2784, 0.6118
CMYK	1.00, 0.00, 0.46, 0.28
HSL	152°, 100%, 36%
HSV	152°, 100%, 72%
XYZ	19.3926, 35.1819, 17.5731
YIQ	119.2940, -82.3790, -65.4430

Conversions

Conversions Part 2

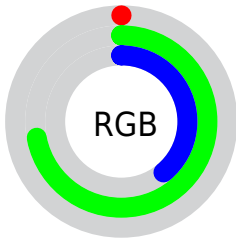
Format	Color
RYB	0, 120, 184
Decimal	47203
CIELab	65.89, -58.62, 32.30
CIELCh	66, 66.930, 151.146
Yxy	35.1833, 0.2688, 0.4876
Android (android.graphics.Color)	4278237283 (0xFF00B863)
YUV	119.2940, -10.0049, -104.6208
Hunter-Lab	59.3143, -45.4400, 23.9541

Details

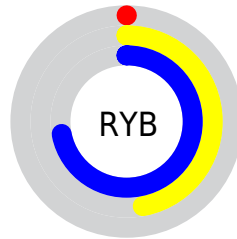
The HunterLab color **59.3143, -45.4400, 23.9541** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **32.9347, 58.3921, 5.8415**, and the grayscale version is **43.1267, -2.3011, 2.3432**.

A 20% lighter version of the original color is **82.2385, -53.0486, 28.6382**, and **39.9134, -32.1660, 19.5488** is the 20% darker color. If you saturate the color by 10%, you get **59.3154, -45.4411, 23.9553**, and if you desaturate by 10%, it is **59.5710, -44.0850, 21.9528**.

Distribution



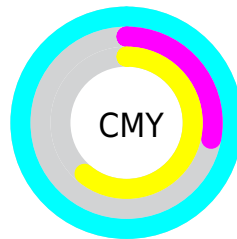
- Red (0%)
- Green (72%)
- Blue (39%)



- Red (0%)
- Yellow (47%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.3143, -45.4400, 23.9541 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 59.3143, -45.4400, 23.9541 by changing the saturation by 10% instead.

■ 59.3143, -45.4400,
23.9541

■ 59.3143, -45.4400,
23.9541

180.3820,
-76.6789, 43.8930

■ 48.7894, -41.2567,
21.4192

■ 82.3223, -53.1908,
28.7348

■ 38.9722, -36.7929,
18.7497

■ 94.7341, -56.8318,
31.0183

■ 29.9194, -31.9630,
15.9042

■ 107.7137,
-60.3517, 33.2490

■ 21.7018, -26.6370,
12.8340

■ 121.2373,
-63.7692, 35.4367

■ 14.4151, -22.2412,
10.0906

■ 135.2838,
-67.0996, 37.5892

■ 8.0758, -14.1326,
5.6530

■ 149.8344,

0.0000, NaN, NaN

-70.3550, 39.7128

0.0000, NaN, NaN

164.8722,
-73.5453, 41.8126

0.0000, NaN, NaN

■ 59.3143, -45.4400,
23.9541

■ 59.3143, -45.4400,
23.9541

■ 59.3154, -45.4411,
23.9553

■ 59.5710, -44.0850,
21.9528

■ 59.9443, -42.2209,
19.8545

■ 60.4719, -39.7110,
17.7070

■ 61.1688, -36.5163,
15.5425

■ 62.0454, -32.6253,
13.3921

■ 63.1077, -28.0497,
11.2850

■ 64.3589, -22.8196,
9.2475

■ 65.7990, -16.9794,
7.3025

■ 67.4258, -10.5833,
5.4688

Harmonies

Analogous

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



59.3155, -29.9677, 33.4834



59.3143, -45.4400, 23.9541



59.3155, -50.2371, 2.1290

Triad

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



59.3155, -45.4406, 23.9545



59.3155, -2.0186, -81.0959



59.3155, 54.2057, 25.0531

Complementary

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



59.3143, -45.4400, 23.9541



32.9347, 58.3921, 5.8415

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.



59.3155, 65.6011, 4.3078



59.3143, -45.4400, 23.9541



59.3155, 29.4391, -64.8422

Square

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



59.3155, -45.4406, 23.9545



59.3155, -28.3424, -67.0093



59.3155, 55.7578, -29.5201



59.3155, 27.0618, 33.8620

Rectangle

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



59.3143, -45.4400, 23.9541



59.3155, -47.6730, -19.9671



59.3155, 55.7578, -29.5201



59.3155, 60.2205, 19.7056

Sweetspot

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



59.3155, -45.4406, 23.9545



86.5593, -31.1004, 12.5866



60.2119, -43.2129, 36.3456



39.8508, -15.8477, 6.3717



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



59.3155, -45.4406, 23.9545



79.8297, -61.3700, 32.7001



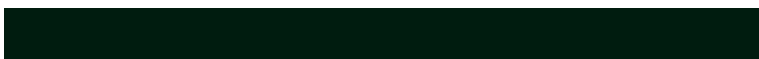
59.3717, -30.1012, -9.2292



31.8414, -4.7820, 2.5232



49.2559, -37.6327, 19.6727



9.3147, -6.6554, 2.7246

Inverse Universe

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



32.9347, 58.3921, 5.8415



44.2884, 78.4235, 8.6327



32.1311, 53.9592, 20.7433



30.1320, 1.6065, 0.9117



27.3663, 48.5686, 4.4824



5.2586, 9.5561, -0.8696

Previews

White Background



This preview shows how the HunterLab color 59.3143, -45.4400, 23.9541 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 59.3143, -45.4400, 23.9541 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 59.3143, -45.4400, 23.9541 Background



This preview shows how black text looks on a background with the HunterLab color 59.3143, -45.4400, 23.9541.



This preview shows how white text looks on a background with the HunterLab color 59.3143, -45.4400, 23.9541.

-45.4400, 23.9541.

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

59.3143, -45.4400, 23.9541

Protanopia

58.8629, -6.2052, 26.4194

Deuteranopia

58.7070, 4.0375, 22.1976



Tritanopia

59.3027, -23.5115, -11.4363

Trichromacy



Original Color

59.3143, -45.4400, 23.9541



Protanomaly

56.7231, -28.3540, 23.6315



Deuteranomaly

56.2275, -23.2893, 20.4294



Tritanomaly

58.9717, -33.7037, 4.1257

Monochromacy



Original Color

59.3143, -45.4400, 23.9541



Achromatopsia

42.9506, -2.2917, 2.3336



Achromatomaly

47.2771, -23.3538, 9.4988

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.3143, -45.4400, 23.9541 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, 184, 99)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 99)  
}
```

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, 184, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 59.3143, -45.4400, 23.9541 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, 184, 99) }
```


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

```
.border{ border-color:rgb(0, 184, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 184, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 184, 99);  
box-shadow:4px 4px 4px 4px rgb(0, 184, 99)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 59.3143, -45.4400, 23.9541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 99) }
```

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

```
.background{ background-color: rgb(0, 184,  
99) }
```

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