

Converting Colors

HunterLab(50.8408, -39.2479,
24.5569)

Have a look what the booklet for
HunterLab(50.8408, -39.2479,
24.5569) contains.

HunterLab(50.8351, -39.2762, 24.6252)	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(50.8351,
-39.2762, 24.6252)**

Conversions

Conversions Part 1

Format	Color
Hex	20A042
RGB	32, 160, 66
RGB Percent	13%, 63%, 26%
CMY	0.8745, 0.3725, 0.7412
CMYK	0.80, 0.00, 0.59, 0.37
HSL	136°, 67%, 38%
HSV	136°, 80%, 63%
XYZ	14.1499, 25.8421, 9.3965
YIQ	111.0120, -46.1140, -56.3700

Conversions

Conversions Part 2

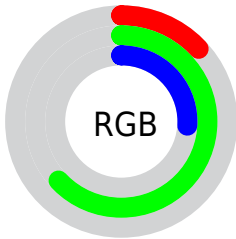
Format	Color
RYB	32, 133, 160
Decimal	2138178
CIELab	57.89, -53.48, 39.01
CIELCh	58, 66.196, 143.893
Yxy	25.8431, 0.2865, 0.5232
Android (android.graphics.Color)	4280328258 (0xFF20A042)
YUV	111.0120, -22.1909, -69.2935
Hunter-Lab	50.8351, -39.2762, 24.6252

Details

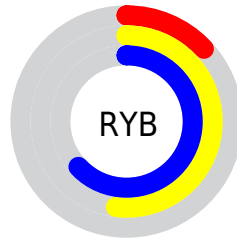
The HunterLab color **50.8351, -39.2762, 24.6252** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **31.6440, 50.5609, -16.6008**, and the grayscale version is **39.9705, -2.1327, 2.1717**.

A 20% lighter version of the original color is **72.8735, -46.6421, 30.3951**, and **32.4763, -27.4999, 18.7718** is the 20% darker color. If you saturate the color by 10%, you get **50.5188, -40.8604, 26.2816**, and if you desaturate by 10%, it is **51.3007, -37.0388, 22.6861**.

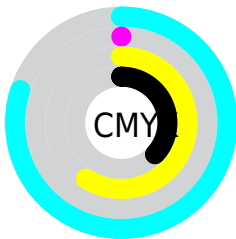
Distribution



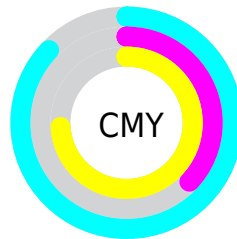
- Red (13%)
- Green (63%)
- Blue (26%)



- Red (13%)
- Yellow (52%)
- Blue (63%)



- Cyan (80%)
- Magenta (0%)
- Yellow (59%)
- Black (37%)



- Cyan (87%)
- Magenta (37%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.8351, -39.2762, 24.6252 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 50.8351, -39.2762, 24.6252 by changing the saturation by 10% instead.

■ 50.8351, -39.2762,
24.6252

■ 50.8351, -39.2762,
24.6252

167.9319,
-68.9040, 48.1269

■ 40.8734, -35.2469,
21.5024

■ 72.8161, -46.6798,
30.4156

■ 31.6628, -30.9092,
18.1727

■ 84.7540, -50.1390,
33.1409

■ 23.2718, -26.1546,
14.6740

■ 97.2812, -53.4756,
35.7806

■ 15.7899, -21.1134,
11.0529

■ 110.3713,
-56.7101, 38.3498

■ 9.3447, -16.3532,
6.5413

■ 124.0009,
-59.8585, 40.8603

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.1495,

-62.9336, 43.3218

0.0000, NaN, NaN

152.7987,
-65.9460, 45.7418

0.0000, NaN, NaN

■ 50.8351, -39.2762,
24.6252

■ 50.8351, -39.2762,
24.6252

■ 50.5188, -40.8604,
26.2816

■ 51.3007, -37.0388,
22.6861

■ 50.3125, -41.9310,
27.6310

■ 51.9254, -34.1135,
20.4804

■ 50.3124, -41.9311,
27.6311

■ 52.7189, -30.4953,
18.0314

■ 53.6861, -26.2015,
15.3677

■ 54.8288, -21.2679,
12.5214

■ 56.1463, -15.7437,
9.5260

■ 57.6355, -9.6877,
6.4153

■ 59.2916, -3.1630,
3.2211

■ 61.1085, 3.7666,
-0.0277

Harmonies

Analogous

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



50.8361, -22.7154, 30.8388



50.8351, -39.2762, 24.6252



50.8361, -45.8993, 7.9142

Triad

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



50.8361, -39.2768, 24.6255



50.8361, -8.3107, -78.9100



50.8361, 56.3914, 19.4331

Complementary

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



50.8351, -39.2762, 24.6252



31.6440, 50.5609, -16.6008

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.



50.8361, 62.5717, -2.9816



50.8351, -39.2762, 24.6252



50.8361, 20.9525, -69.7487

Square

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



50.8361, -39.2768, 24.6255



50.8361, -30.6837, -58.3450



50.8361, 48.4389, -37.5539



50.8361, 33.0167, 29.1758

Rectangle

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



50.8351, -39.2762, 24.6252



50.8361, -45.0962, -11.1132



50.8361, 48.4389, -37.5539



50.8361, 60.7327, 13.5822

Sweetspot

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



50.8361, -39.2768, 24.6255



74.8334, -24.6302, 14.6595



54.6227, -24.5638, 31.7448



34.7711, -12.6886, 7.4951



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.



50.8361, -39.2768, 24.6255



67.8589, -56.1730, 36.8885



51.9695, -32.3386, 8.1574



27.2554, -4.3447, 2.9139



44.4122, -36.9621, 24.2792



5.9924, -4.6079, 2.4571

Inverse Universe

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



31.6440, 50.5609, -16.6008



40.1799, 73.6031, -20.2196



29.7947, 43.3550, 9.4654



25.9316, 1.6263, -0.0248



26.1515, 48.6748, -13.2528



3.5890, 6.8348, -3.0183

Previews

White Background



This preview shows how the HunterLab color 50.8351, -39.2762, 24.6252 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 50.8351, -39.2762, 24.6252 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 50.8351, -39.2762, 24.6252 Background



This preview shows how black text looks on a background with the HunterLab color 50.8351, -39.2762, 24.6252.



This preview shows how white text looks on a background with the HunterLab color 50.8351,

-39.2762, 24.6252.

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

50.8351, -39.2762, 24.6252

Protanopia

50.3614, -5.8876, 26.0582

Deuteranopia

50.4301, 3.2429, 23.5148



Tritanopia

50.6819, -18.6689, -9.0851

Trichromacy



Original Color

50.8351, -39.2762, 24.6252



Protanomaly

49.2144, -22.3671, 24.4436



Deuteranomaly

48.7061, -17.7365, 22.4454



Tritanomaly

50.4819, -28.1718, 7.0316

Monochromacy



Original Color

50.8351, -39.2762, 24.6252



Achromatopsia

39.8699, -2.1274, 2.1662



Achromatomaly

42.8025, -19.0411, 11.0446

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.8351, -39.2762, 24.6252 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(32, 160, 66)` looks like.

```
.text, #text, p{  
    color:rgb(32, 160, 66)  
}
```

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(32, 160, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 160, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 50.8351, -39.2762, 24.6252 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(32, 160, 66) }
```


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

```
.border{ border-color:rgb(32, 160, 66) }
```

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

Here you see how a box with a 4 pixel rgb(32, 160, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 160, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 160, 66);  
box-shadow:4px 4px 4px 4px rgb(32, 160,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.8351, -39.2762, 24.6252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 160, 66) }
```

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

```
.background{ background-color: rgb(32, 160,  
66) }
```

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