

Converting Colors

HunterLab(55.9360, -35.4447,
12.9156)

Have a look what the booklet for
HunterLab(55.9360, -35.4447,
12.9156) contains.

HunterLab(55.9111, -35.4371, 12.9003)	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(55.9111,
-35.4371, 12.9003)**

Conversions

Conversions Part 1

Format	Color
Hex	30AB7E
RGB	48, 171, 126
RGB Percent	19%, 67%, 49%
CMY	0.8118, 0.3294, 0.5059
CMYK	0.72, 0.00, 0.26, 0.33
HSL	158°, 56%, 43%
HSV	158°, 72%, 67%
XYZ	19.5477, 31.2605, 24.7422
YIQ	129.0930, -58.8630, -40.0710

Conversions

Conversions Part 2

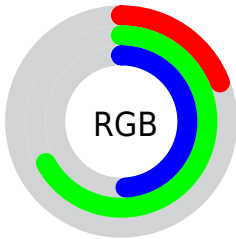
Format	Color
RYB	48, 123, 171
Decimal	3189630
CIELab	62.73, -44.20, 13.69
CIELCh	63, 46.276, 162.791
Yxy	31.2618, 0.2587, 0.4138
Android (android.graphics.Color)	4281379710 (0xFF30AB7E)
YUV	129.0930, -1.5248, -71.1186
Hunter-Lab	55.9111, -35.4371, 12.9003

Details

The HunterLab color **55.9111, -35.4371, 12.9003** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **34.0042, 44.5784, 3.6749**, and the grayscale version is **46.9138, -2.5032, 2.5489**.

A 20% lighter version of the original color is **78.4681, -41.4101, 15.4022**, and **36.7324, -26.2904, 10.8411** is the 20% darker color. If you saturate the color by 10%, you get **55.4676, -37.5326, 14.6146**, and if you desaturate by 10%, it is **56.5042, -32.7544, 11.2410**.

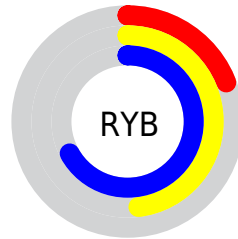
Distribution



Red (19%)

Green (67%)

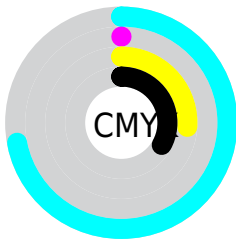
Blue (49%)



Red (19%)

Yellow (48%)

Blue (67%)

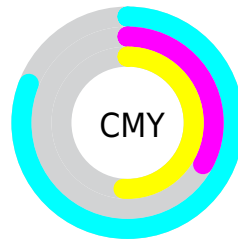


Cyan (72%)

Magenta (0%)

Yellow (26%)

Black (33%)



Cyan (81%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.9111, -35.4371, 12.9003 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 55.9111, -35.4371, 12.9003 by changing the saturation by 10% instead.

■ 55.9111, -35.4371,
12.9003

■ 55.9111, -35.4371,
12.9003

175.4259,
-60.4077, 24.7975

■ 45.6051, -32.1608,
11.5535

■ 78.5187, -41.5439,
15.5475

■ 36.0231, -28.6759,
10.1760

■ 90.7455, -44.4316,
16.8603

■ 27.2258, -24.9112,
8.7504

■ 103.5482,
-47.2356, 18.1719

■ 19.2908, -20.7533,
7.2471

■ 116.9021,
-49.9702, 19.4855

■ 12.3245, -17.7998,
5.8511

■ 130.7853,
-52.6465, 20.8033

■ 5.4955, -9.6171,
3.8468

145.1784,

0.0000, NaN, NaN

-55.2735, 22.1270

0.0000, NaN, NaN

160.0638,
-57.8585, 23.4581

0.0000, NaN, NaN

■ 55.9111, -35.4371,
12.9003

■ 55.9111, -35.4371,
12.9003

■ 55.4676, -37.5326,
14.6146

■ 56.5042, -32.7544,
11.2410

■ 55.1561, -39.0803,
16.3537

■ 57.2537, -29.4666,
9.6610

■ 54.9718, -40.0461,
17.7382

■ 58.1670, -25.5781,
8.1836

■ 59.2477, -21.1096,
6.8280

■ 60.4968, -16.0946,
5.6096

■ 61.9130, -10.5764,
4.5396

■ 63.4933, -4.6044,
3.6253

■ 65.2332, 1.7693,
2.8703

■ 67.1272, 8.4924,
2.2749

Harmonies

Analogous

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



55.9122, -26.9828, 23.9219



55.9111, -35.4371, 12.9003



55.9122, -36.0214, -5.7624

Triad

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



55.9122, -35.4376, 12.9008



55.9122, 5.8678, -46.2524



55.9122, 28.4371, 22.7624

Complementary

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



55.9111, -35.4371, 12.9003



34.0042, 44.5784, 3.6749

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.



55.9122, 40.1143, 10.6154



55.9111, -35.4371, 12.9003



55.9122, 25.8947, -31.3901

Square

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



55.9122, -35.4376, 12.9008



55.9122, -14.0108, -44.9515



55.9122, 39.1228, -9.0172



55.9122, 8.9645, 28.0701

Rectangle

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



55.9111, -35.4371, 12.9003



55.9122, -32.0131, -20.8687



55.9122, 39.1228, -9.0172



55.9122, 33.5203, 19.5726

Sweetspot

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



55.9122, -35.4376, 12.9008



80.8773, -21.8630, 7.5778



56.2787, -36.2532, 31.0976



37.9773, -11.1820, 3.7724



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



55.9122, -35.4376, 12.9008



73.9754, -51.4711, 20.8579



51.8455, -21.0952, -12.4842



30.0360, -4.3657, 2.0657



47.7391, -34.7024, 15.2428



8.0252, -5.4034, 1.6336

Inverse Universe

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



34.0042, 44.5784, 3.6749



41.7443, 67.6805, 9.4706



35.4742, 34.4560, 17.7879



28.3936, 1.3701, 1.1816



26.0827, 45.7266, 8.6436



4.4718, 8.0696, -0.3001

Previews

White Background



This preview shows how the HunterLab color 55.9111, -35.4371, 12.9003 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 55.9111, -35.4371, 12.9003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

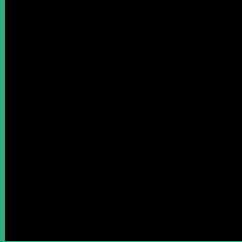
Any Text WCAG AA ✓ Pass

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 55.9111, -35.4371, 12.9003 Background



This preview shows how black text looks on a background with the HunterLab color 55.9111, -35.4371, 12.9003.



This preview shows how white text looks on a background with the HunterLab color 55.9111,

-35.4371, 12.9003.

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

55.9111, -35.4371, 12.9003

Protanopia

55.3631, -4.1690, 16.3465

Deuteranopia

55.3962, 3.9241, 10.8394



Tritanopia

55.7717, -21.0759, -10.7792

Trichromacy



Original Color

55.9111, -35.4371, 12.9003

Protanomaly

54.5920, -19.1465, 14.0057

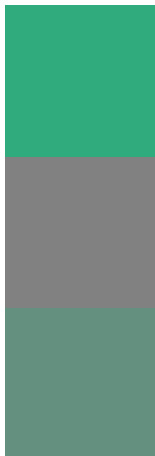
Deuteranomaly

54.0693, -14.2763, 9.9091

Tritanomaly

55.8546, -27.0334, -0.8742

Monochromacy



Original Color

55.9111, -35.4371, 12.9003

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

49.2081, -16.7389, 5.4225

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.9111, -35.4371, 12.9003 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(48, 171, 126)` looks like.

```
.text, #text, p{  
    color:rgb(48, 171, 126)  
}
```

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(48, 171, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 171, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 55.9111, -35.4371, 12.9003 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(48, 171, 126) }
```


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

```
.border{ border-color:rgb(48, 171, 126) }
```

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

Here you see how a box with a 4 pixel rgb(48, 171, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 171, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 171, 126);  
box-shadow:4px 4px 4px 4px rgb(48, 171,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.9111, -35.4371, 12.9003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 171, 126) }
```

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

```
.background{ background-color: rgb(48, 171,  
126) }
```

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