

Converting Colors

HunterLab(55.2341, 12.3687,
34.2516)

Have a look what the booklet for
HunterLab(55.2341, 12.3687,
34.2516) contains.

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Color

**HunterLab(55.1776, 12.4783,
34.2186)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8800
RGB	204, 136, 0
RGB Percent	80%, 53%, 0%
CMY	0.2000, 0.4666, 1.0000
CMYK	0.00, 0.33, 1.00, 0.20
HSL	40°, 100%, 40%
HSV	40°, 100%, 80%
XYZ	33.7060, 30.4457, 4.1001
YIQ	140.8280, 84.1840, -27.8800

Conversions

Conversions Part 2

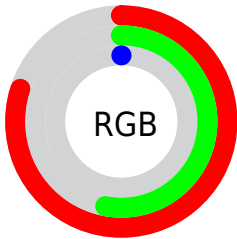
Format	Color
RYB	102, 204, 0
Decimal	13404160
CIELab	62.04, 17.54, 67.51
CIELCh	62, 69.751, 75.435
Yxy	30.4472, 0.4938, 0.4461
Android (android.graphics.Color)	4291594240 (0xFFCC8800)
YUV	140.8280, -69.4282, 55.4018
Hunter-Lab	55.1776, 12.4783, 34.2186

Details

The HunterLab color **55.1776, 12.4783, 34.2186** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **29.1453, 28.4091, -97.7547**, and the grayscale version is **51.7873, -2.7632, 2.8137**.

A 20% lighter version of the original color is **76.2300, 8.4396, 42.4838**, and **35.4752, 12.5354, 22.0791** is the 20% darker color. If you saturate the color by 10%, you get **55.1780, 12.4770, 34.2189**, and if you desaturate by 10%, it is **56.9876, 9.3524, 34.5705**.

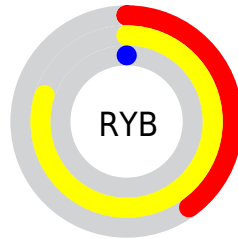
Distribution



Red (80%)

Green (53%)

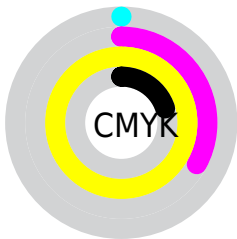
Blue (0%)



Red (40%)

Yellow (80%)

Blue (0%)

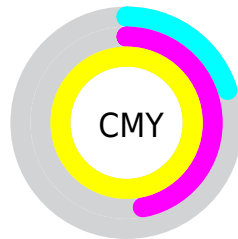


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.1776, 12.4783, 34.2186 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 55.1776, 12.4783, 34.2186 by changing the saturation by 10% instead.

■ 55.1776, 12.4783,
34.2186

■ 55.1776, 12.4783,
34.2186

174.3513, 12.7031,
71.2618

■ 44.9203, 12.1099,
29.2258

■ 77.6973, 12.9561,
43.5207

■ 35.3903, 11.6461,
24.1910

■ 89.8833, 13.0885,
47.8793

■ 26.6498, 11.0680,
18.6548

■ 102.6472, 13.1575,
52.0757

■ 18.7777, 10.3548,
13.1444

■ 115.9638, 13.1681,
56.1310

■ 11.8833, 9.4796,
8.3183

■ 129.8111, 13.1246,
60.0631

■ 4.7502, 15.8370,
3.3251

■ 144.1696, 13.0306,

0.0000, NaN, NaN

63.8872

0.0000, NaN, NaN

159.0216, 12.8892,
67.6165

0.0000, NaN, NaN

55.1776, 12.4783,
34.2186

55.1776, 12.4783,
34.2186

55.1780, 12.4770,
34.2189

56.9876, 9.3524,
34.5705

58.8922, 6.4836,
34.3080

60.9012, 3.9388,
33.2688

63.0140, 1.7401,
31.4213

65.2287, -0.1030,
28.7633

■ 67.5422, -1.5899,
25.3112

■ 69.9509, -2.7262,
21.0932

■ 72.4508, -3.5220,
16.1450

■ 75.0377, -3.9903,
10.5062

Harmonies

Analogous

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



55.1790, 44.1539, 29.6902



55.1776, 12.4783, 34.2186



55.1790, -17.6072, 34.1648

Triad

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



55.1790, 12.4752, 34.2191



55.1790, -48.6109, -13.8687



55.1790, 44.9761, -51.7279

Complementary

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



55.1776, 12.4783, 34.2186



29.1453, 28.4091, -97.7547

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.



55.1790, 13.4237, -81.5283



55.1776, 12.4783, 34.2186



55.1790, -38.1554, -52.8389

Square

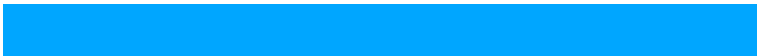
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.1790, 12.4752, 34.2191



55.1790, -48.7573, 15.1980



55.1790, -16.8421, -82.0187



55.1790, 65.4881, -12.8234

Rectangle

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



55.1776, 12.4783, 34.2186



55.1790, -32.8154, 31.7604



55.1790, -16.8421, -82.0187



55.1790, 35.0398, -63.8846

Sweetspot

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



55.1790, 12.4752, 34.2191



89.8948, -3.4588, 27.3784



36.4073, 63.4935, 14.6376



40.9711, -1.3330, 13.7862

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.1790, 12.4752, 34.2191



70.7182, 16.6219, 43.8672



71.9246, -31.1378, 43.7742



35.2733, -1.8803, 4.7601



43.9779, 9.5078, 27.2654



10.6475, 0.9312, 6.5772

Inverse Universe

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



29.1453, 28.4091, -97.7547



37.0358, 37.8378, -127.9724



21.6797, 57.2327, -141.8690



33.8302, -1.6790, -1.2139



23.4521, 21.6606, -76.0721



6.5042, 2.1925, -12.8627

Previews

White Background



This preview shows how the HunterLab color 55.1776, 12.4783, 34.2186 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 55.1776, 12.4783, 34.2186 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 55.1776, 12.4783, 34.2186 Background



This preview shows how black text looks on a background with the HunterLab color 55.1776, 12.4783, 34.2186.



This preview shows how white text looks on a background with the HunterLab color 55.1776, 12.4783,

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

55.1776, 12.4783, 34.2186

Protanopia

55.4175, -7.6832, 33.5690

Deuteranopia

55.3101, 3.4384, 34.1420



Tritanopia

55.1370, 28.0951, 9.4201

Trichromacy



Original Color

55.1776, 12.4783, 34.2186

Protanomaly

55.2472, -0.9838, 33.7485

Deuteranomaly

55.0983, 6.8705, 34.0716

Tritanomaly

54.8300, 20.3195, 24.3914

Monochromacy



Original Color

55.1776, 12.4783, 34.2186

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

52.0538, -0.6060, 21.0471

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.1776, 12.4783, 34.2186 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(204, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 136, 0)  
}
```

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(204, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 136, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 55.1776, 12.4783, 34.2186 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(204, 136, 0) }
```


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

```
.border{ border-color:rgb(204, 136, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 136, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 136,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.1776, 12.4783, 34.2186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 136, 0) }
```

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

```
.background{ background-color: rgb(204,  
136, 0) }
```

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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