

Converting Colors

HunterLab(55.0928, 21.3948,
34.3225)

Have a look what the booklet for
HunterLab(55.0928, 21.3948,
34.3225) contains.

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Color

**HunterLab(55.1835, 21.3824,
34.3782)**

Conversions

Conversions Part 1

Format	Color
Hex	D98100
RGB	217, 129, 0
RGB Percent	85%, 51%, 0%
CMY	0.1490, 0.4941, 1.0000
CMYK	0.00, 0.41, 1.00, 0.15
HSL	36°, 100%, 43%
HSV	36°, 100%, 85%
XYZ	36.4655, 30.4522, 3.9559
YIQ	140.6060, 93.8570, -21.4630

Conversions

Conversions Part 2

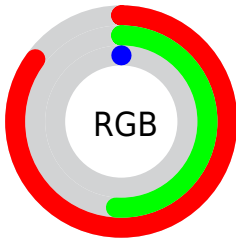
Format	Color
RYB	148, 217, 0
Decimal	14254336
CIELab	62.04, 26.92, 68.31
CIElCh	62, 73.428, 68.491
Yxy	30.4538, 0.5145, 0.4297
Android (android.graphics.Color)	4292444416 (0xFFD98100)
YUV	140.6060, -69.3188, 66.9975
Hunter-Lab	55.1835, 21.3824, 34.3782

Details

The HunterLab color **55.1835, 21.3824, 34.3782** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **34.6256, 21.9605, -90.6846**, and the grayscale version is **51.6953, -2.7583, 2.8087**.

A 20% lighter version of the original color is **74.2771, 12.0548, 41.2218**, and **35.5807, 20.5418, 22.2843** is the 20% darker color. If you saturate the color by 10%, you get **55.1842, 21.3804, 34.3785**, and if you desaturate by 10%, it is **57.3844, 17.2130, 34.8923**.

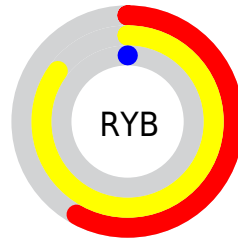
Distribution



Red (85%)

Green (51%)

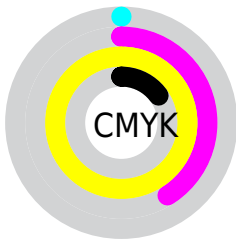
Blue (0%)



Red (58%)

Yellow (85%)

Blue (0%)

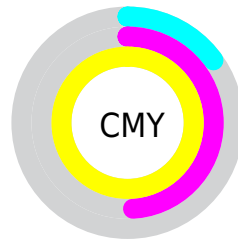


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.1835, 21.3824, 34.3782 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 55.1835, 21.3824, 34.3782 by changing the saturation by 10% instead.

55.1835, 21.3824,
34.3782

55.1835, 21.3824,
34.3782

174.3600, 24.9142,
71.8140

44.9258, 20.5760,
29.3346

77.7040, 22.6845,
43.7798

35.3954, 19.6566,
24.2879

89.8903, 23.2067,
48.1855

26.6544, 18.6060,
18.6581

102.6545, 23.6520,
52.4273

18.7819, 17.4094,
13.1473

115.9714, 24.0267,
56.5260

11.8869, 16.0643,
8.3208

129.8190, 24.3360,
60.4997

4.7567, 24.4226,
3.3297

144.1778, 24.5845,

0.0000, NaN, NaN

64.3639

0.0000, NaN, NaN

159.0301, 24.7761,
68.1316

0.0000, NaN, NaN

55.1835, 21.3824,
34.3782

55.1835, 21.3824,
34.3782

55.1842, 21.3804,
34.3785

57.3844, 17.2130,
34.8923

59.7277, 13.3187,
34.7292

62.2192, 9.7771,
33.7292

64.8543, 6.6152,
31.8732

67.6269, 3.8433,
29.1758

■ 70.5298, 1.4601,
25.6708

■ 73.5557, -0.5441,
21.4028

■ 76.6974, -2.1840,
16.4215

■ 79.9477, -3.4776,
10.7782

Harmonies

Analogous

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



55.1850, 53.7059, 28.3703



55.1835, 21.3824, 34.3782



55.1850, -11.7114, 35.1554

Triad

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



55.1850, 21.3789, 34.3787



55.1850, -51.4366, -6.3200



55.1850, 40.6300, -64.9196

Complementary

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



55.1835, 21.3824, 34.3782



34.6256, 21.9605, -90.6846

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.



55.1850, 6.3999, -91.4131



55.1835, 21.3824, 34.3782



55.1850, -43.2036, -47.0198

Square

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



55.1850, 21.3789, 34.3787



55.1850, -49.1883, 20.3947



55.1850, -23.6757, -83.4671



55.1850, 66.4606, -22.9440

Rectangle

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



55.1835, 21.3824, 34.3782



55.1850, -29.2540, 33.6090



55.1850, -23.6757, -83.4671



55.1850, 29.4494, -76.7703

Sweetspot

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



55.1850, 21.3789, 34.3787



88.2010, -0.5924, 25.8481



39.3664, 69.3084, 10.7605



40.0834, 0.1767, 13.0124

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.1850, 21.3789, 34.3787



66.0189, 26.1512, 41.1384



78.5850, -27.7145, 47.9383



37.8578, -1.6724, 4.9348



43.1823, 16.1182, 26.8909



11.7286, 2.6195, 7.2730

Inverse Universe

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



34.6256, 21.9605, -90.6846



41.2328, 27.1548, -110.1569



22.6701, 60.9190, -156.6481



36.7148, -2.1657, -1.0758



27.2994, 16.2492, -69.1992



8.0574, 1.7957, -13.9474

Previews

White Background



This preview shows how the HunterLab color 55.1835, 21.3824, 34.3782 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 55.1835, 21.3824, 34.3782 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 55.1835, 21.3824, 34.3782 Background



This preview shows how black text looks on a background with the HunterLab color 55.1835, 21.3824, 34.3782.



This preview shows how white text looks on a background with the HunterLab color 55.1835, 21.3824,

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

55.1835, 21.3824, 34.3782

Protanopia

55.4254, -7.6393, 33.4518

Deuteranopia

55.3101, 3.4384, 34.1420



Tritanopia

55.2698, 35.0561, 12.3912

Trichromacy



Original Color

55.1835, 21.3824, 34.3782

Protanomaly

54.9853, 2.3871, 33.5821

Deuteranomaly

55.1872, 9.8610, 34.1788

Tritanomaly

54.7638, 28.4173, 25.6003

Monochromacy



Original Color

55.1835, 21.3824, 34.3782

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

52.0236, 2.1255, 21.0700

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.1835, 21.3824, 34.3782 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(217, 129, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 129, 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(217, 129, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 129, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 55.1835, 21.3824, 34.3782 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(217, 129, 0) }
```


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

```
.border{ border-color:rgb(217, 129, 0) }
```

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

Here you see how a box with a 4 pixel rgb(217, 129, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 129,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.1835, 21.3824, 34.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 129, 0) }
```

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

```
.background{ background-color: rgb(217,  
129, 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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