

Converting Colors

HunterLab(56.1135, 20.4800,
33.0187)

Have a look what the booklet for
HunterLab(56.1135, 20.4800,
33.0187) contains.

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Color

**HunterLab(56.0305, 20.5092,
32.9444)**

Conversions

Conversions Part 1

Format	Color
Hex	D98426
RGB	217, 132, 38
RGB Percent	85%, 52%, 15%
CMY	0.1490, 0.4823, 0.8510
CMYK	0.00, 0.39, 0.82, 0.15
HSL	32°, 70%, 50%
HSV	32°, 82%, 85%
XYZ	37.2164, 31.3942, 5.9319
YIQ	146.6990, 80.8340, -11.2140

Conversions

Conversions Part 2

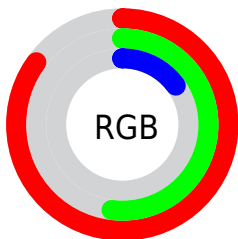
Format	Color
R _Y B	200, 217, 38
Decimal	14255142
CIE Lab	62.84, 25.97, 60.11
CIE LCh	63, 65.479, 66.637
Yxy	31.3958, 0.4993, 0.4212
Android (android.graphics.Color)	4292445222 (0xFFD98426)
YUV	146.6990, -53.5886, 61.6540
Hunter-Lab	56.0305, 20.5092, 32.9444

Details

The HunterLab color **56.0305, 20.5092, 32.9444** 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 **44.2570, 4.8539, -60.5872**, and the grayscale version is **54.0818, -2.8857, 2.9384**.

A 20% lighter version of the original color is **75.3197, 11.6183, 38.6447**, and **36.1974, 19.1433, 22.6398** is the 20% darker color. If you saturate the color by 10%, you get **53.5127, 25.2154, 32.8593**, and if you desaturate by 10%, it is **58.7479, 16.1206, 32.2094**.

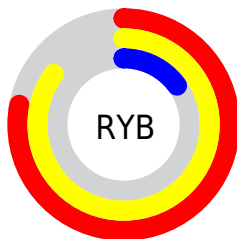
Distribution



Red (85%)

Green (52%)

Blue (15%)



Red (78%)

Yellow (85%)

Blue (15%)

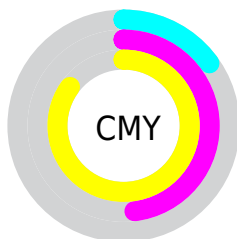


Cyan (0%)

Magenta (39%)

Yellow (82%)

Black (15%)



Cyan (15%)

Magenta (48%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.0305, 20.5092, 32.9444 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 56.0305, 20.5092, 32.9444 by changing the saturation by 10% instead.

■ 56.0305, 20.5092,
32.9444

■ 56.0305, 20.5092,
32.9444

■ 175.6012, 23.6614,
66.2811

■ 45.7170, 19.7543,
28.4537

■ 78.6528, 21.7153,
41.2879

■ 36.1265, 18.8889,
23.7107

■ 90.8862, 22.1924,
45.1981

■ 27.3200, 17.8944,
19.1240

■ 103.6953, 22.5945,
48.9670

■ 19.3748, 16.7549,
13.5624

■ 117.0552, 22.9275,
52.6144

■ 12.3969, 15.4622,
8.6778

■ 130.9443, 23.1966,
56.1567

■ 5.6075, 19.9835,
3.9253

■ 145.3430, 23.4061,

0.0000, NaN, NaN

59.6079

0.0000, NaN, NaN

160.2339, 23.5600,
62.9794

0.0000, NaN, NaN

■ 56.0305, 20.5092,
32.9444

■ 56.0305, 20.5092,
32.9444

■ 53.5127, 25.2154,
32.8593

■ 58.7479, 16.1206,
32.2094

■ 51.7470, 28.8913,
32.3920

■ 61.6507, 12.1048,
30.6378

■ 64.7288, 8.4781,
28.2554

■ 67.9701, 5.2436,
25.1079

■ 71.3629, 2.3924,
21.2511

■ 74.8958, -0.0915,
16.7437

■ 78.5583, -2.2285,
11.6436

■ 82.3405, -4.0414,
6.0055

■ 86.2336, -5.5534,
-0.1203

Harmonies

Analogous

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



56.0320, 48.2709, 26.1363



56.0305, 20.5092, 32.9444



56.0320, -9.2037, 34.0915

Triad

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



56.0320, 20.5058, 32.9450



56.0320, -47.7955, -3.3346



56.0320, 33.7143, -57.1988

Complementary

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



56.0305, 20.5092, 32.9444



44.2570, 4.8539, -60.5872

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.



56.0320, 3.5012, -77.6802



56.0305, 20.5092, 32.9444



56.0320, -40.6210, -37.9703

Square

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



56.0320, 20.5058, 32.9450



56.0320, -45.0417, 20.0716



56.0320, -23.1612, -69.2869



56.0320, 56.9026, -21.8912

Rectangle

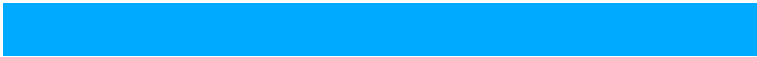
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.0305, 20.5092, 32.9444



56.0320, -25.5625, 32.5440



56.0320, -23.1612, -69.2869



56.0320, 23.8337, -66.6824

Sweetspot

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



56.0320, 20.5058, 32.9450



88.7338, 0.6651, 21.6579



41.9600, 66.8653, -0.1616



40.3553, 0.7933, 10.9139

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.0320, 20.5058, 32.9450



62.1527, 34.6469, 38.8349



80.0399, -22.0982, 47.5748



37.6531, -1.3296, 4.7149



40.5254, 21.8810, 25.3546



11.1182, 3.8390, 6.9182

Inverse Universe

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



44.2570, 4.8539, -60.5872



46.1077, 16.4571, -92.9570



26.2055, 50.3971, -131.4921



36.9214, -2.5069, -0.8221



30.1960, 9.9611, -59.2455



8.7320, 0.5448, -12.0903

Previews

White Background



This preview shows how the HunterLab color 56.0305, 20.5092, 32.9444 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 56.0305, 20.5092, 32.9444 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 56.0305, 20.5092, 32.9444 Background



This preview shows how black text looks on a background with the HunterLab color 56.0305, 20.5092, 32.9444.



This preview shows how white text looks on a background with the HunterLab color 56.0305, 20.5092,

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

56.0305, 20.5092, 32.9444

Protanopia

56.2270, -7.5335, 32.1050

Deuteranopia

56.1797, 3.7544, 33.2412



Tritanopia

56.0013, 33.8680, 11.9889

Trichromacy



Original Color

56.0305, 20.5092, 32.9444

Protanomaly

55.7694, 2.4718, 32.1779

Deuteranomaly

55.9367, 9.8240, 33.0358

Tritanomaly

55.6949, 28.1065, 22.5098

Monochromacy



Original Color

56.0305, 20.5092, 32.9444

Achromatopsia

54.0158, -2.8821, 2.9348

Achromatomaly

54.0168, 2.4256, 18.0596

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.0305, 20.5092, 32.9444 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, 132, 38)` looks like.

```
.text, #text, p{  
    color:rgb(217, 132, 38)  
}
```

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, 132, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 132, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 56.0305, 20.5092, 32.9444 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, 132, 38) }
```


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

```
.border{ border-color:rgb(217, 132, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 132, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 132, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 132, 38);  
box-shadow:4px 4px 4px 4px rgb(217, 132,  
38) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.0305, 20.5092, 32.9444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 132, 38) }
```

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

```
.background{ background-color: rgb(217,  
132, 38) }
```

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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