

Converting Colors

HunterLab(53.1137, 20.1161,
33.0806)

Have a look what the booklet for
HunterLab(53.1137, 20.1161,
33.0806) contains.

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Color

**HunterLab(53.1249, 20.0221,
33.0858)**

Conversions

Conversions Part 1

Format	Color
Hex	D17D00
RGB	209, 125, 0
RGB Percent	82%, 49%, 0%
CMY	0.1804, 0.5098, 1.0000
CMYK	0.00, 0.40, 1.00, 0.18
HSL	36°, 100%, 41%
HSV	36°, 100%, 82%
XYZ	33.6281, 28.2226, 3.6751
YIQ	135.8660, 90.1890, -21.0670

Conversions

Conversions Part 2

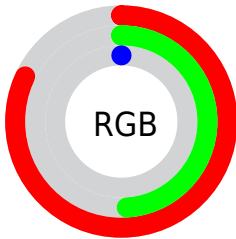
Format	Color
R_{YB}	140, 209, 0
Decimal	13729024
CIE Lab	60.09, 25.66, 66.55
CIE LCh	60, 71.329, 68.913
Yxy	28.2240, 0.5132, 0.4307
Android (android.graphics.Color)	4291919104 (0xFFD17D00)
YUV	135.8660, -66.9819, 64.1385
Hunter-Lab	53.1249, 20.0221, 33.0858

Details

The HunterLab color **53.1249, 20.0221, 33.0858** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **33.0826, 21.3084, -87.3480**, and the grayscale version is **49.7991, -2.6572, 2.7057**.

A 20% lighter version of the original color is **73.1645, 14.0374, 40.7668**, and **33.6572, 19.2139, 21.0758** is the 20% darker color. If you saturate the color by 10%, you get **53.1253, 20.0207, 33.0861**, and if you desaturate by 10%, it is **55.2227, 16.0795, 33.5524**.

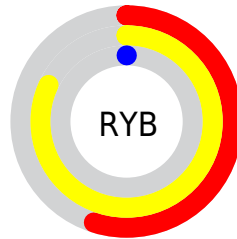
Distribution



Red (82%)

Green (49%)

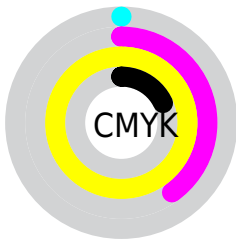
Blue (0%)



Red (55%)

Yellow (82%)

Blue (0%)

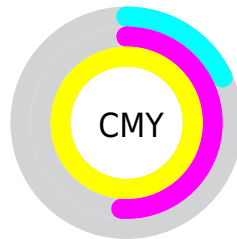


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.1249, 20.0221, 33.0858 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 53.1249, 20.0221, 33.0858 by changing the saturation by 10% instead.

53.1249, 20.0221,
33.0858

53.1249, 20.0221,
33.0858

171.3289, 23.2420,
69.9077

43.0054, 19.2511,
28.1059

75.3936, 21.2529,
42.3521

33.6239, 18.3660,
23.2200

87.4638, 21.7394,
46.6882

25.0456, 17.3477,
17.5319

100.1172, 22.1495,
50.8601

17.3542, 16.1804,
12.1479

113.3280, 22.4893,
54.8893

10.6669, 14.8617,
7.4668

127.0736, 22.7642,
58.7942

1.0015, 111.6016,
0.7011

141.3339, 22.9787,

0.0000, NaN, NaN

62.5904

0.0000, NaN, NaN

156.0911, 23.1369,
66.2911

0.0000, NaN, NaN

53.1249, 20.0221,
33.0858

53.1249, 20.0221,
33.0858

53.1253, 20.0207,
33.0861

55.2227, 16.0795,
33.5524

57.4537, 12.3992,
33.3776

59.8240, 9.0561,
32.4032

62.3296, 6.0756,
30.6112

64.9648, 3.4670,
28.0148

■ 67.7229, 1.2290,
24.6457

■ 70.5973, -0.6474,
20.5457

■ 73.5811, -2.1762,
15.7618

■ 76.6677, -3.3745,
10.3424

Harmonies

Analogous

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



53.1263, 51.1002, 27.3965



53.1249, 20.0221, 33.0858



53.1263, -11.6456, 33.7875

Triad

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



53.1263, 20.0188, 33.0863



53.1263, -49.3461, -6.5266



53.1263, 39.3781, -61.6479

Complementary

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



53.1249, 20.0221, 33.0858



33.0826, 21.3084, -87.3480

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.



53.1263, 6.5846, -87.3751



53.1249, 20.0221, 33.0858



53.1263, -41.2888, -45.6150

Square

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



53.1263, 20.0188, 33.0863



53.1263, -47.3260, 19.3381



53.1263, -22.3828, -80.2603



53.1263, 63.9190, -21.4286

Rectangle

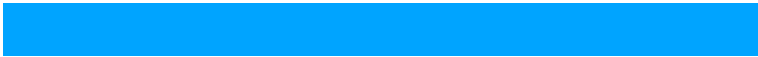
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.1249, 20.0221, 33.0858



53.1263, -28.3852, 32.2520



53.1263, -22.3828, -80.2603



53.1263, 28.6895, -73.0801

Sweetspot

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



53.1263, 20.0188, 33.0863



88.2852, -0.7362, 25.9246



37.7425, 66.4607, 10.2258



40.1275, 0.1009, 13.0511

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.1263, 20.0188, 33.0863



66.2451, 25.6747, 41.2694



75.3344, -26.5536, 45.9556



36.0100, -1.6095, 4.6884



41.9515, 15.2281, 26.1169



10.6644, 2.1171, 6.6084

Inverse Universe

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



33.0826, 21.3084, -87.3480



41.0101, 27.6852, -111.0234



21.7411, 58.4029, -150.0819



34.9091, -2.0422, -1.0181



26.3233, 15.9218, -67.2725



7.3564, 1.3935, -12.2031

Previews

White Background



This preview shows how the HunterLab color 53.1249, 20.0221, 33.0858 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 53.1249, 20.0221, 33.0858 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 53.1249, 20.0221, 33.0858 Background



This preview shows how black text looks on a background with the HunterLab color 53.1249, 20.0221, 33.0858.



This preview shows how white text looks on a background with the HunterLab color 53.1249, 20.0221,

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

53.1249, 20.0221, 33.0858

Protanopia

53.3739, -7.5142, 32.2126

Deuteranopia

53.2610, 3.5008, 32.8804



Tritanopia

53.1673, 33.4568, 11.7108

Trichromacy



Original Color

53.1249, 20.0221, 33.0858

Protanomaly

52.8225, 2.0633, 32.2628

Deuteranomaly

53.0212, 9.4889, 32.8376

Tritanomaly

52.6971, 26.9993, 24.4055

Monochromacy



Original Color

53.1249, 20.0221, 33.0858

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.9772, 2.1015, 20.1355

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.1249, 20.0221, 33.0858 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(209, 125, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 125, 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(209, 125, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 125, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 53.1249, 20.0221, 33.0858 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(209, 125, 0) }
```


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

```
.border{ border-color:rgb(209, 125, 0) }
```

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

Here you see how a box with a 4 pixel rgb(209, 125, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 125, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 125, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 125,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.1249, 20.0221, 33.0858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 125, 0) }
```

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

```
.background{ background-color: rgb(209,  
125, 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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