

Converting Colors

HunterLab(33.3855, 53.9090,
21.0058)

Have a look what the booklet for
HunterLab(33.3855, 53.9090,
21.0058) contains.

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Color

**HunterLab(33.3855, 53.9090,
21.0058)**

Conversions

Conversions Part 1

Format	Color
Hex	BC120A
RGB	188, 18, 10
RGB Percent	74%, 7%, 4%
CMY	0.2627, 0.9293, 0.9608
CMYK	0.00, 0.90, 0.95, 0.26
HSL	3°, 90%, 39%
HSV	3°, 95%, 74%
XYZ	21.0102, 11.1459, 1.3312
YIQ	67.9180, 103.8880, 33.5520

Conversions

Conversions Part 2

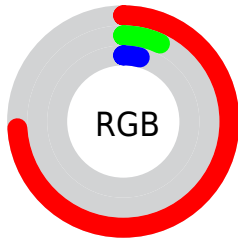
Format	Color
RYB	188, 18, 10
Decimal	12325386
CIELab	39.83, 61.69, 50.18
CIElCh	40, 79.520, 39.124
Yxy	11.1466, 0.6274, 0.3329
Android (android.graphics.Color)	4290515466 (0xFFBC120A)
YUV	67.9180, -28.5536, 105.3119
Hunter-Lab	33.3855, 53.9090, 21.0058

Details

The HunterLab color **33.3855, 53.9090, 21.0058** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **60.2726, -29.9030, -10.1848**, and the grayscale version is **24.0901, -1.2854, 1.3089**.

A 20% lighter version of the original color is **52.9290, 58.1413, 28.9975**, and **20.8806, 35.7586, 13.4925** is the 20% darker color. If you saturate the color by 10%, you get **32.9777, 55.0415, 21.2843**, and if you desaturate by 10%, it is **34.6978, 50.3385, 20.2977**.

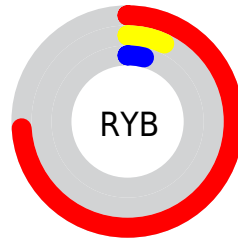
Distribution



Red (74%)

Green (7%)

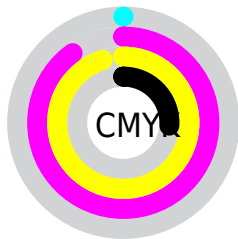
Blue (4%)



Red (74%)

Yellow (7%)

Blue (4%)

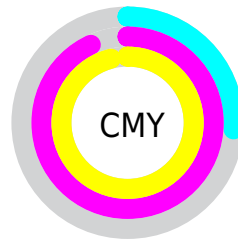


Cyan (0%)

Magenta (90%)

Yellow (95%)

Black (26%)



Cyan (26%)


Magenta (93%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 33.3855, 53.9090, 21.0058 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 33.3855, 53.9090, 21.0058 by changing the saturation by 10% instead.


 33.3855, 53.9090,
21.0058


 33.3855, 53.9090,
21.0058


 140.9506, 70.0183,
52.0017


 24.8305, 51.7550,
17.1730

 52.8498, 58.1357,
29.0123

 17.1639, 49.7811,
12.0147


 63.6420, 60.1258,
32.6884

 10.5053, 48.5240,
7.3537


 75.0828, 62.0156,
36.1947

0.0000, INF, NaN

0.0000, INF, NaN

 87.1372, 63.8046,
39.5595

0.0000, NaN, NaN

 99.7755, 65.4951,
42.8058


0.0000, NaN, NaN


 112.9719, 67.0912,


0.0000, NaN, NaN

45.9521


0.0000, NaN, NaN


 126.7036, 68.5974,
49.0133


 33.3855, 53.9090,
21.0058


 33.3855, 53.9090,
21.0058


 32.9777, 55.0415,
21.2843

 34.6978, 50.3385,
20.2977

 36.7875, 45.1848,
19.0219

 39.6344, 38.9252,
17.3007

 43.1680, 32.0850,
15.3002

 47.2980, 25.0792,
13.1665

■ 51.9341, 18.1699,
11.0014

■ 56.9961, 11.4919,
8.8642

■ 62.4171, 5.0958,
6.7842

■ 68.1425, -1.0157,
4.7716

Harmonies

Analogous

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



33.3866, 73.7206, 9.2266



33.3855, 53.9090, 21.0058



33.3866, 20.6771, 23.3706

Triad

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



33.3866, 53.9048, 21.0064



33.3866, -39.7190, 15.7991



33.3866, 7.5959, -105.6479

Complementary

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



33.3855, 53.9090, 21.0058



60.2726, -29.9030, -10.1848

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.



33.3866, -19.5304, -96.5377



33.3855, 53.9090, 21.0058



33.3866, -41.1052, -7.8112

Square

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



33.3866, 53.9048, 21.0064



33.3866, -30.3421, 22.5045



33.3866, -35.1338, -52.5154



33.3866, 41.5532, -71.8605

Rectangle

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



33.3855, 53.9090, 21.0058



33.3866, -0.9200, 23.3706



33.3866, -35.1338, -52.5154



33.3866, -2.6378, -107.8680

Sweetspot

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



33.3866, 53.9048, 21.0064



74.0947, 18.8245, 13.0127



37.8002, 72.1998, -44.9160



33.0035, 10.5385, 6.6124



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



33.3866, 53.9048, 21.0064



44.2907, 74.4557, 28.5952



45.6101, 21.3041, 28.1044



30.9895, 0.8558, 2.7015



27.2653, 45.2343, 17.5927



5.6132, 8.2417, 3.6031

Inverse Universe

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



60.2726, -29.9030, -10.1848



80.8034, -40.2161, -14.1823



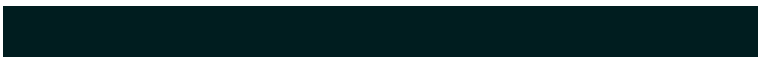
33.9643, 9.5275, -61.9569



32.7625, -4.1003, 0.8029



49.5949, -24.7329, -8.5981



9.9318, -5.0359, -1.5429

Previews

White Background



This preview shows how the HunterLab color 33.3855, 53.9090, 21.0058 looks on a white 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

Black Background



This preview shows how the HunterLab color 33.3855, 53.9090, 21.0058 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 33.3855, 53.9090, 21.0058 Background



This preview shows how black text looks on a background with the HunterLab color 33.3855, 53.9090, 21.0058.



This preview shows how white text looks on a background with the HunterLab color 33.3855, 53.9090,

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

33.3855, 53.9090, 21.0058

Protanopia

34.0157, -4.7212, 19.0703

Deuteranopia

33.9811, 1.6050, 20.9671



Tritanopia

33.3822, 53.8965, 21.0545

Trichromacy



Original Color

33.3855, 53.9090, 21.0058

Protanomaly

30.6963, 18.1310, 17.8620

Deuteranomaly

31.1373, 23.0865, 19.3721

Tritanomaly

33.3822, 53.8965, 21.0545

Monochromacy



Original Color

33.3855, 53.9090, 21.0058

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

24.3540, 18.4766, 8.7831

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3855, 53.9090, 21.0058 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(188, 18, 10)` looks like.

```
.text, #text, p{  
    color:rgb(188, 18, 10)  
}
```

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(188, 18, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 18, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3855, 53.9090, 21.0058 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(188, 18, 10) }
```


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

```
.border{ border-color:rgb(188, 18, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 18, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 18, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 18, 10);  
box-shadow:4px 4px 4px 4px rgb(188, 18,  
10) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.3855, 53.9090, 21.0058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 18, 10) }
```

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

```
.background{ background-color: rgb(188, 18,  
10) }
```

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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