

Converting Colors

HunterLab(33.5975, 52.5681,
21.6227)

Have a look what the booklet for
HunterLab(33.5975, 52.5681,
21.6227) contains.

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Color

**HunterLab(33.6818, 52.6965,
21.6771)**

Conversions

Conversions Part 1

Format	Color
Hex	BC1800
RGB	188, 24, 0
RGB Percent	74%, 9%, 0%
CMY	0.2627, 0.9058, 1.0000
CMYK	0.00, 0.87, 1.00, 0.26
HSL	8°, 100%, 37%
HSV	8°, 100%, 74%
XYZ	21.0657, 11.3446, 1.0795
YIQ	70.3000, 105.4480, 27.3040

Conversions

Conversions Part 2

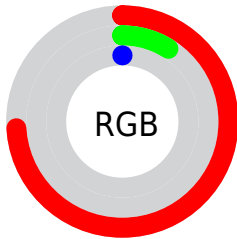
Format	Color
RYB	188, 28, 0
Decimal	12326912
CIELab	40.16, 60.53, 53.85
CIElCh	40, 81.023, 41.658
Yxy	11.3454, 0.6290, 0.3388
Android (android.graphics.Color)	4290516992 (0xFFBC1800)
YUV	70.3000, -34.6579, 103.2229
Hunter-Lab	33.6818, 52.6965, 21.6771

Details

The HunterLab color **33.6818, 52.6965, 21.6771** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **54.9317, -23.5074, -17.9141**, and the grayscale version is **24.9500, -1.3313, 1.3556**.

A 20% lighter version of the original color is **53.1746, 56.9973, 30.1413**, and **20.7004, 35.4502, 13.3761** is the 20% darker color. If you saturate the color by 10%, you get **33.6828, 52.6925, 21.6777**, and if you desaturate by 10%, it is **35.0478, 48.8169, 21.4237**.

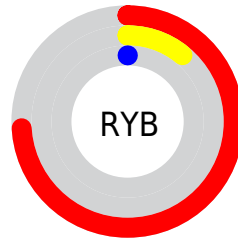
Distribution



Red (74%)

Green (9%)

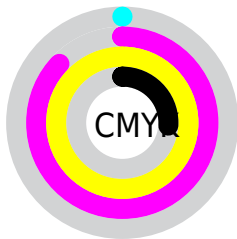
Blue (0%)



Red (74%)

Yellow (11%)

Blue (0%)

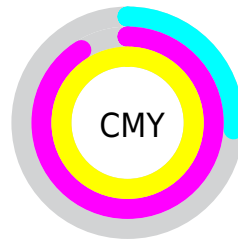


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (91%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 33.6818, 52.6965, 21.6771 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 33.6818, 52.6965, 21.6771 by changing the saturation by 10% instead.


 33.6818, 52.6965,
21.6771


 33.6818, 52.6965,
21.6771


 141.4291, 68.4747,
54.6166


 25.0991, 50.5567,
17.5693


 53.1950, 56.8619,
30.1890


 17.4015, 48.5668,
12.1810

 64.0092, 58.8148,
34.1028

 10.7071, 47.2125,
7.4950


 75.4707, 60.6661,
37.8348

 1.3148, 225.4027,
0.9204

 87.5449, 62.4159,
41.4140

0.0000, INF, NaN

0.0000, NaN, NaN

 100.2020, 64.0672,
44.8640


0.0000, NaN, NaN


 113.4164, 65.6244,


0.0000, NaN, NaN

48.2044


0.0000, NaN, NaN


 127.1654, 67.0920,
51.4509

 33.6818, 52.6965,
21.6771


 33.6818, 52.6965,
21.6771

 33.6828, 52.6925,
21.6777

 35.0478, 48.8169,
21.4237

 37.0631, 43.6772,
20.7230

 39.7165, 37.7278,
19.4713

 42.9524, 31.3842,
17.7781

 46.7007, 24.9683,
15.7692

■ 50.8906, 18.6857,
13.5528

■ 55.4576, 12.6450,
11.2086

■ 60.3464, 6.8881,
8.7903

■ 65.5113, 1.4178,
6.3316

Harmonies

Analogous

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



33.6829, 74.8415, 11.1039



33.6818, 52.6965, 21.6771



33.6829, 18.2293, 23.5780

Triad

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



33.6829, 52.6923, 21.6776



33.6829, -40.7957, 14.8857



33.6829, 10.5985, -107.4184

Complementary

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



33.6818, 52.6965, 21.6771



54.9317, -23.5074, -17.9141

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.



33.6829, -18.0226, -102.0390



33.6818, 52.6965, 21.6771



33.6829, -41.5900, -11.1674

Square

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



33.6829, 52.6923, 21.6776



33.6829, -32.0852, 22.5074



33.6829, -34.8452, -58.3756



33.6829, 45.4601, -69.7670

Rectangle

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



33.6818, 52.6965, 21.6771



33.6829, -3.4430, 23.5780



33.6829, -34.8452, -58.3756



33.6829, -0.1230, -111.1049

Sweetspot

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



33.6829, 52.6923, 21.6776



74.3463, 17.4144, 15.2475



36.6700, 70.3127, -34.5548



33.2521, 9.6489, 7.6941



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.



33.6829, 52.6923, 21.6776



45.1342, 71.6313, 29.0655



48.1318, 15.8138, 29.9354



31.1891, 0.5091, 2.9234



27.9045, 43.1145, 17.9494



6.0828, 6.8312, 3.8678

Inverse Universe

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



54.9317, -23.5074, -17.9141



73.7789, -31.4245, -24.3807



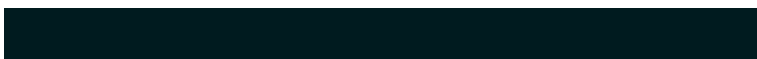
28.7650, 20.3959, -79.9824



32.5513, -3.7636, 0.5534



45.4101, -19.5045, -14.6540



9.3091, -4.2690, -2.4200

Previews

White Background



This preview shows how the HunterLab color 33.6818, 52.6965, 21.6771 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 33.6818, 52.6965, 21.6771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

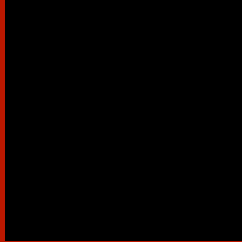
Any Text WCAG AA × Fail

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 33.6818, 52.6965, 21.6771 Background



This preview shows how black text looks on a background with the HunterLab color 33.6818, 52.6965, 21.6771.



This preview shows how white text looks on a background with the HunterLab color 33.6818, 52.6965,

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

33.6818, 52.6965, 21.6771

Protanopia

34.3562, -4.9261, 19.5926

Deuteranopia

33.9811, 1.6050, 20.9671



Tritanopia

33.6915, 53.1628, 20.6071

Trichromacy



Original Color

33.6818, 52.6965, 21.6771

Protanomaly

31.1980, 17.4540, 18.6708

Deuteranomaly

31.6766, 21.6776, 19.8985

Tritanomaly

33.6611, 53.0459, 21.0578

Monochromacy



Original Color

33.6818, 52.6965, 21.6771

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

24.9928, 17.3760, 9.8151

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6818, 52.6965, 21.6771 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, 24, 0)` looks like.

```
.text, #text, p{  
    color:rgb(188, 24, 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(188, 24, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 24, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6818, 52.6965, 21.6771 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, 24, 0) }
```


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

```
.border{ border-color:rgb(188, 24, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 24, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 24, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 24, 0);  
box-shadow:4px 4px 4px 4px rgb(188, 24, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.6818, 52.6965, 21.6771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 24, 0) }
```

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

```
.background{ background-color: rgb(188, 24,  
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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