

Converting Colors

HunterLab(33.4231, 49.3179,
21.4585)

Have a look what the booklet for
HunterLab(33.4231, 49.3179,
21.4585) contains.

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Color

**HunterLab(33.5013, 49.4472,
21.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	B82000
RGB	184, 32, 0
RGB Percent	72%, 13%, 0%
CMY	0.2784, 0.8745, 1.0000
CMYK	0.00, 0.83, 1.00, 0.28
HSL	10°, 100%, 36%
HSV	10°, 100%, 72%
XYZ	20.2837, 11.2234, 1.0973
YIQ	73.8000, 100.8640, 22.2720

Conversions

Conversions Part 2

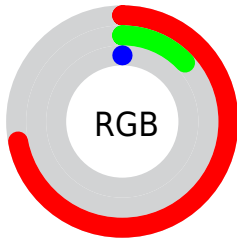
Format	Color
R_{YB}	184, 39, 0
Decimal	12066816
CIE _{Lab}	39.96, 57.61, 53.27
CIE _{LCh}	40, 78.465, 42.761
Yxy	11.2241, 0.6221, 0.3442
Android (android.graphics.Color)	4290256896 (0xFFB82000)
YUV	73.8000, -36.3834, 96.6454
Hunter-Lab	33.5013, 49.4472, 21.5090

Details

The HunterLab color **33.5013, 49.4472, 21.5090** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **50.9044, -19.3803, -21.7894**, and the grayscale version is **26.1999, -1.3980, 1.4235**.

A 20% lighter version of the original color is **52.9463, 53.1396, 29.9175**, and **20.1617, 34.5276, 13.0280** is the 20% darker color. If you saturate the color by 10%, you get **33.5023, 49.4435, 21.5095**, and if you desaturate by 10%, it is **35.0505, 45.1212, 21.3905**.

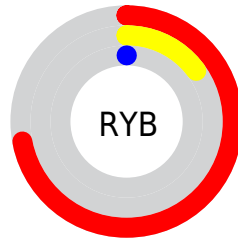
Distribution



Red (72%)

Green (13%)

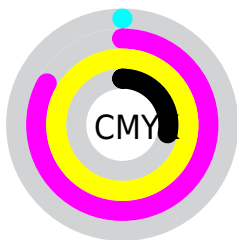
Blue (0%)



Red (72%)

Yellow (15%)

Blue (0%)

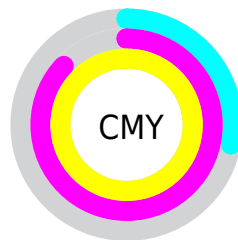


Cyan (0%)

Magenta (83%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (87%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 33.5013, 49.4472, 21.5090 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 33.5013, 49.4472, 21.5090 by changing the saturation by 10% instead.


 33.5013, 49.4472,
21.5090

 33.5013, 49.4472,
21.5090


 141.1377, 64.4499,
54.1626


 24.9354, 47.3549,
17.4548

 52.9847, 53.4633,
29.9492

 17.2567, 45.3674,
12.0797


 63.7855, 55.3300,
33.8285

 10.5841, 43.9103,
7.4089


 75.2344, 57.0920,
37.5274

0.0000, INF, NaN

0.0000, INF, NaN

 87.2966, 58.7512,
41.0747

0.0000, NaN, NaN

 99.9422, 60.3116,
44.4943


0.0000, NaN, NaN

 113.1457, 61.7782,


0.0000, NaN, NaN


47.8054


0.0000, NaN, NaN


 126.8842, 63.1560,
51.0239


 33.5013, 49.4472,
21.5090


 33.5013, 49.4472,
21.5090

 33.5023, 49.4435,
21.5095

 35.0505, 45.1212,
21.3905

 37.1656, 39.8681,
20.8331

 39.8266, 34.0968,
19.7194

 42.9820, 28.1358,
18.1382

 46.5722, 22.2214,
16.1962

■ 50.5390, 16.4970,
13.9900

■ 54.8299, 11.0333,
11.5958

■ 59.4000, 5.8529,
9.0693

■ 64.2114, 0.9504,
6.4491

Harmonies

Analogous

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



33.5023, 71.2984, 11.5112



33.5013, 49.4472, 21.5090



33.5023, 16.2875, 23.4516

Triad

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



33.5023, 49.4432, 21.5095



33.5023, -40.0147, 13.9964



33.5023, 11.3655, -101.2666

Complementary

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



33.5013, 49.4472, 21.5090



50.9044, -19.3803, -21.7894

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.



33.5023, -16.6960, -97.8657



33.5013, 49.4472, 21.5090



33.5023, -40.5427, -12.0520

Square

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



33.5023, 49.4432, 21.5095



33.5023, -31.7468, 22.0561



33.5023, -33.5650, -57.4314



33.5023, 44.8064, -64.6626

Rectangle

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



33.5013, 49.4472, 21.5090



33.5023, -4.4196, 23.4516



33.5023, -33.5650, -57.4314



33.5023, 0.9246, -105.3038

Sweetspot

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



33.5023, 49.4432, 21.5095



73.5231, 15.2159, 15.7794



35.3571, 67.0856, -27.8173



32.9961, 8.4761, 7.9625



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



33.5023, 49.4432, 21.5095



44.8418, 67.4218, 28.8116



49.2682, 10.9090, 30.5498



30.4272, 0.2992, 2.9573



27.9462, 40.6231, 17.9315



5.9458, 5.6030, 3.7619

Inverse Universe

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



50.9044, -19.3803, -21.7894



68.3077, -25.7866, -29.7129



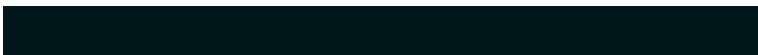
26.1418, 24.8434, -86.3045



31.5239, -3.4684, 0.4068



42.3681, -16.2336, -17.9128



8.3883, -3.6146, -2.6818

Previews

White Background



This preview shows how the HunterLab color 33.5013, 49.4472, 21.5090 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 33.5013, 49.4472, 21.5090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

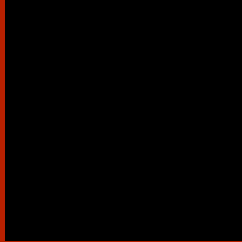
Any Text WCAG AA × Fail

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 33.5013, 49.4472, 21.5090 Background



This preview shows how black text looks on a background with the HunterLab color 33.5013, 49.4472, 21.5090.



This preview shows how white text looks on a background with the HunterLab color 33.5013, 49.4472,

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

33.5013, 49.4472, 21.5090

Protanopia

34.0761, -4.5683, 19.5969

Deuteranopia

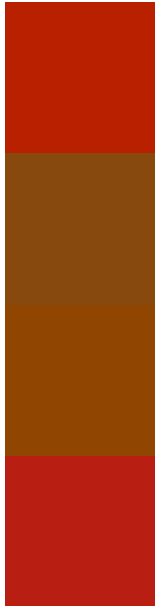
33.9811, 1.6050, 20.9671



Tritanopia

33.4778, 50.4684, 19.4537

Trichromacy



Original Color

33.5013, 49.4472, 21.5090

Protanomaly

31.6718, 15.6724, 19.0126

Deuteranomaly

32.1086, 19.9260, 20.1340

Tritanomaly

33.4873, 49.9575, 20.4961

Monochromacy



Original Color

33.5013, 49.4472, 21.5090

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

26.2880, 15.2196, 10.3995

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5013, 49.4472, 21.5090 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(184, 32, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 32, 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(184, 32, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 32, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5013, 49.4472, 21.5090 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(184, 32, 0) }
```


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

```
.border{ border-color:rgb(184, 32, 0) }
```

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

Here you see how a box with a 4 pixel rgb(184, 32, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 32, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 32, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 32, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.5013, 49.4472, 21.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 32, 0) }
```

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

```
.background{ background-color: rgb(184, 32,  
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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