

Converting Colors

HunterLab(50.5685, 13.5310,
30.4495)

Have a look what the booklet for
HunterLab(50.5685, 13.5310,
30.4495) contains.

HunterLab(50.5505, 13.4030, 30.4329)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(50.5505, 13.4030,
30.4329)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7C17
RGB	191, 124, 23
RGB Percent	75%, 49%, 9%
CMY	0.2510, 0.5137, 0.9098
CMYK	0.00, 0.35, 0.88, 0.25
HSL	36°, 79%, 42%
HSV	36°, 88%, 75%
XYZ	28.8482, 25.5535, 4.2224
YIQ	132.5190, 72.3530, -17.2070

Conversions

Conversions Part 2

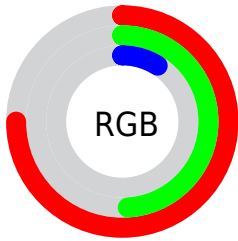
Format	Color
RYB	134, 191, 23
Decimal	12549143
CIELab	57.61, 18.73, 59.22
CIELCh	58, 62.109, 72.451
Yxy	25.5548, 0.4921, 0.4359
Android (android.graphics.Color)	4290739223 (0xFFBF7C17)
YUV	132.5190, -53.9929, 51.2878
Hunter-Lab	50.5505, 13.4030, 30.4329

Details

The HunterLab color **50.5505, 13.4030, 30.4329** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **33.5496, 12.6536, -66.2120**, and the grayscale version is **48.4279, -2.5840, 2.6312**.

A 20% lighter version of the original color is **72.5977, 13.7874, 38.9345**, and **31.5241, 12.9609, 19.6519** is the 20% darker color. If you saturate the color by 10%, you get **48.6471, 16.8639, 30.1347**, and if you desaturate by 10%, it is **52.5780, 10.1957, 30.0957**.

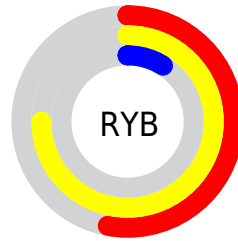
Distribution



Red (75%)

Green (49%)

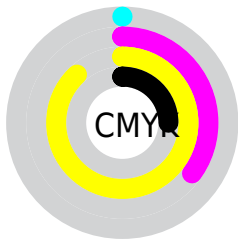
Blue (9%)



Red (53%)

Yellow (75%)

Blue (9%)

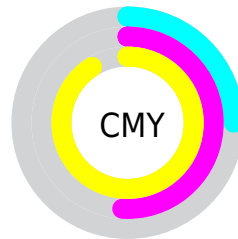


Cyan (0%)

Magenta (35%)

Yellow (88%)

Black (25%)



Cyan (25%)

Magenta (51%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.5505, 13.4030, 30.4329 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 50.5505, 13.4030, 30.4329 by changing the saturation by 10% instead.

50.5505, 13.4030,
30.4329

50.5505, 13.4030,
30.4329

167.5082, 14.3000,
63.9250

40.6090, 12.9342,
25.8736

72.4955, 14.0604,
38.8712

31.4201, 12.3605,
21.2513

84.4167, 14.2741,
42.8105

23.0528, 11.6609,
16.1369

96.9281, 14.4199,
46.5993

15.5975, 10.8123,
10.9183

110.0030, 14.5035,
50.2590

9.1799, 9.8071,
6.4259

123.6180, 14.5295,
53.8077

0.0000, INF, NaN

0.0000, NaN, NaN

137.7525, 14.5021,

57.2602

0.0000, NaN, NaN

152.3881, 14.4246,
60.6292

0.0000, NaN, NaN

50.5505, 13.4030,
30.4329

50.5505, 13.4030,
30.4329

48.6471, 16.8639,
30.1347

52.5780, 10.1957,
30.0957

48.2695, 17.5828,
30.0512

54.7265, 7.2999,
29.0357

56.9935, 4.7310,
27.2453

59.3737, 2.4946,
24.7404

61.8615, 0.5879,
21.5511

■ 64.4509, -0.9984,
17.7156

■ 67.1360, -2.2772,
13.2756

■ 69.9112, -3.2639,
8.2740

■ 72.7709, -3.9752,
2.7528

Harmonies

Analogous

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



50.5518, 40.0880, 25.5843



50.5505, 13.4030, 30.4329



50.5518, -13.1071, 30.7406

Triad

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



50.5518, 13.4001, 30.4334



50.5518, -43.0790, -8.7063



50.5518, 35.9835, -46.9008

Complementary

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



50.5505, 13.4030, 30.4329



33.5496, 12.6536, -66.2120

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.



50.5518, 8.6236, -69.9496



50.5505, 13.4030, 30.4329



50.5518, -34.7531, -41.4435

Square

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



50.5518, 13.4001, 30.4334



50.5518, -42.3161, 15.1711



50.5518, -17.0075, -67.5589



50.5518, 54.8411, -13.9310

Rectangle

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



50.5505, 13.4030, 30.4329



50.5518, -26.9857, 28.7839



50.5518, -17.0075, -67.5589



50.5518, 27.2626, -56.6717

Sweetspot

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



50.5518, 13.4001, 30.4334



86.8008, -1.6268, 22.8423



35.2574, 58.0148, 6.3989



40.0956, -0.4464, 11.6127



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



50.5518, 13.4001, 30.4334



64.2194, 24.3220, 39.9975



68.0770, -23.9932, 40.8225



32.3490, -1.4628, 4.1883



39.3358, 13.8289, 24.4807



8.5483, 1.2423, 5.2892

Inverse Universe

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



33.5496, 12.6536, -66.2120



39.4874, 27.0482, -107.7451



21.9584, 47.5601, -118.7245



31.3576, -1.8207, -0.8882



24.5609, 14.8713, -62.8018



6.0392, 0.5455, -8.7261

Previews

White Background



This preview shows how the HunterLab color 50.5505, 13.4030, 30.4329 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 50.5505, 13.4030, 30.4329 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 50.5505, 13.4030, 30.4329 Background



This preview shows how black text looks on a background with the HunterLab color 50.5505, 13.4030, 30.4329.



This preview shows how white text looks on a background with the HunterLab color 50.5505, 13.4030,

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

50.5505, 13.4030, 30.4329

Protanopia

50.6086, -6.9460, 29.8484

Deuteranopia

50.6527, 3.0932, 30.6454



Tritanopia

50.4504, 26.8203, 9.1470

Trichromacy



Original Color

50.5505, 13.4030, 30.4329

Protanomaly

50.5567, 0.0534, 30.0076

Deuteranomaly

50.5681, 6.8973, 30.5582

Tritanomaly

50.1142, 20.7478, 20.5756

Monochromacy



Original Color

50.5505, 13.4030, 30.4329

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.6062, 0.4498, 17.3266

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.5505, 13.4030, 30.4329 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(191, 124, 23)` looks like.

```
.text, #text, p{  
    color:rgb(191, 124, 23)  
}
```

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(191, 124, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 124, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 50.5505, 13.4030, 30.4329 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(191, 124, 23) }
```


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

```
.border{ border-color:rgb(191, 124, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 124, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 124, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 124, 23);  
box-shadow:4px 4px 4px 4px rgb(191, 124,  
23) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.5505, 13.4030, 30.4329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 124, 23) }
```

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

```
.background{ background-color: rgb(191,  
124, 23) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor