

Converting Colors

HunterLab(34.6087, 13.1884,
21.0068)

Have a look what the booklet for
HunterLab(34.6087, 13.1884,
21.0068) contains.

HunterLab(34.5853, 13.3264, 21.0019)	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(34.5853, 13.3264,
21.0019)**

Conversions

Conversions Part 1

Format	Color
Hex	8E530B
RGB	142, 83, 11
RGB Percent	56%, 33%, 4%
CMY	0.4431, 0.6745, 0.9569
CMYK	0.00, 0.42, 0.92, 0.44
HSL	33°, 86%, 30%
HSV	33°, 92%, 56%
XYZ	14.3090, 11.9614, 1.8712
YIQ	92.4330, 58.2760, -9.8840

Conversions

Conversions Part 2

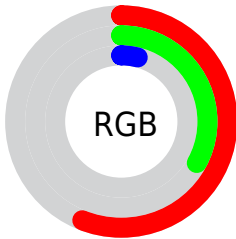
Format	Color
R_{YB}	118, 142, 11
Decimal	9327371
CIE Lab	41.16, 19.63, 46.93
CIE LCh	41, 50.870, 67.304
Yxy	11.9621, 0.5085, 0.4251
Android (android.graphics.Color)	4287517451 (0xFF8E530B)
YUV	92.4330, -40.1465, 43.4703
Hunter-Lab	34.5853, 13.3264, 21.0019

Details

The HunterLab color **34.5853, 13.3264, 21.0019** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **25.3064, 6.5733, -44.2479**, and the grayscale version is **33.0044, -1.7610, 1.7932**.

A 20% lighter version of the original color is **54.3612, 14.4482, 28.6211**, and **18.1702, 12.4024, 11.4135** is the 20% darker color. If you saturate the color by 10%, you get **33.4761, 15.4437, 20.8982**, and if you desaturate by 10%, it is **36.1015, 10.6845, 20.9033**.

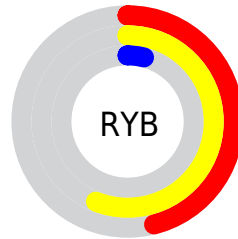
Distribution



Red (56%)

Green (33%)

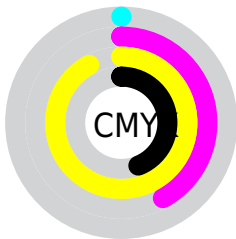
Blue (4%)



Red (46%)

Yellow (56%)

Blue (4%)

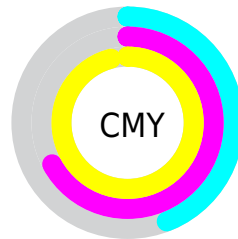


Cyan (0%)

Magenta (42%)

Yellow (92%)

Black (44%)



Cyan (44%)

Magenta (67%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.5853, 13.3264, 21.0019 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 34.5853, 13.3264, 21.0019 by changing the saturation by 10% instead.

■ 34.5853, 13.3264,
21.0019

■ 34.5853, 13.3264,
21.0019

■ 142.8825, 15.5754,
50.0790

■ 25.9188, 12.6241,
17.0578

■ 54.2457, 14.3778,
28.4781

■ 18.1281, 11.7818,
12.6897

■ 65.1264, 14.7604,
31.9152

■ 11.3268, 10.7735,
7.9287

■ 76.6506, 15.0613,
35.1987

■ 3.5770, 23.7188,
2.5039

■ 88.7843, 15.2884,
38.3555

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.4982, 15.4483,
41.4066

0.0000, NaN, NaN

■ 114.7670, 15.5465,

0.0000, NaN, NaN

44.3689

0.0000, NaN, NaN

128.5684, 15.5876,
47.2560

34.5853, 13.3264,
21.0019

34.5853, 13.3264,
21.0019

33.4761, 15.4437,
20.8982

36.1015, 10.6845,
20.9033

37.7202, 8.2487,
20.3151

39.4377, 6.0351,
19.2335

41.2486, 4.0510,
17.6727

43.1471, 2.2960,
15.6574

■ 45.1275, 0.7643,
13.2173

■ 47.1842, -0.5532,
10.3839

■ 49.3121, -1.6679,
7.1889

■ 51.5064, -2.5920,
3.6626

Harmonies

Analogous

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



34.5862, 32.0739, 16.9659



34.5853, 13.3264, 21.0019



34.5862, -6.3484, 21.6159

Triad

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



34.5862, 13.3242, 21.0023



34.5862, -31.0209, -2.8084



34.5862, 23.0534, -38.4600

Complementary

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



34.5853, 13.3264, 21.0019



25.3064, 6.5733, -44.2479

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.



34.5862, 2.8965, -52.9718



34.5853, 13.3264, 21.0019



34.5862, -26.2712, -26.3125

Square

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



34.5862, 13.3242, 21.0023



34.5862, -29.3988, 12.7430



34.5862, -14.7842, -47.6209



34.5862, 38.4803, -14.2921

Rectangle

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



34.5853, 13.3264, 21.0019



34.5862, -16.9915, 20.6690



34.5862, -14.7842, -47.6209



34.5862, 16.4556, -45.0903

Sweetspot

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



34.5862, 13.3242, 21.0023



60.9176, 0.3406, 16.2294



25.4160, 42.9527, 2.0576



28.3018, 0.4936, 8.3207



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



34.5862, 13.3242, 21.0023



44.0816, 21.3238, 27.5362



49.7413, -14.7237, 30.0151



24.2580, -0.9567, 2.9806



31.7789, 14.5067, 19.8360



3.7503, 0.1671, 2.3138

Inverse Universe

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



25.3064, 6.5733, -44.2479



30.9554, 13.1737, -67.1299



15.1560, 34.7811, -90.1630



23.7274, -1.5230, -0.4706



22.5314, 8.4628, -46.4310



3.0258, -0.6166, -2.4509

Previews

White Background



This preview shows how the HunterLab color 34.5853, 13.3264, 21.0019 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 34.5853, 13.3264, 21.0019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

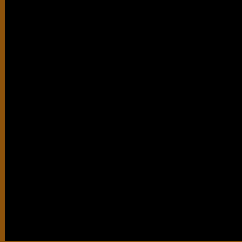
Any Text WCAG AA × Fail

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 34.5853, 13.3264, 21.0019 Background



This preview shows how black text looks on a background with the HunterLab color 34.5853, 13.3264, 21.0019.



This preview shows how white text looks on a background with the HunterLab color 34.5853, 13.3264,

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

34.5853, 13.3264, 21.0019

Protanopia

34.7675, -4.9243, 20.5014

Deuteranopia

34.6982, 1.4360, 21.4060



Tritanopia

34.5717, 21.5542, 7.6455

Trichromacy



Original Color

34.5853, 13.3264, 21.0019

Protanomaly

34.6381, 1.3240, 20.6559

Deuteranomaly

34.4954, 5.8690, 21.1612

Tritanomaly

34.3754, 17.9206, 14.8192

Monochromacy



Original Color

34.5853, 13.3264, 21.0019

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.8917, 1.5927, 11.8187

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.5853, 13.3264, 21.0019 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(142, 83, 11)` looks like.

```
.text, #text, p{  
    color:rgb(142, 83, 11)  
}
```

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(142, 83, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 83, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 34.5853, 13.3264, 21.0019 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(142, 83, 11) }
```


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

```
.border{ border-color:rgb(142, 83, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 83, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 83, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 83, 11);  
box-shadow:4px 4px 4px 4px rgb(142, 83,  
11) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.5853, 13.3264, 21.0019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 83, 11) }
```

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

```
.background{ background-color: rgb(142, 83,  
11) }
```

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