

Converting Colors

HunterLab(33.2567, 17.9583,
13.4304)

Have a look what the booklet for
HunterLab(33.2567, 17.9583,
13.4304) contains.

HunterLab(33.2567, 17.9583, 13.4304)	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(33.2567, 17.9583,
13.4304)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4C3B
RGB	140, 76, 59
RGB Percent	55%, 30%, 23%
CMY	0.4510, 0.7019, 0.7686
CMYK	0.00, 0.46, 0.58, 0.45
HSL	13°, 41%, 39%
HSV	13°, 58%, 55%
XYZ	14.1891, 11.0601, 5.5246
YIQ	93.1980, 43.6010, 8.2810

Conversions

Conversions Part 2

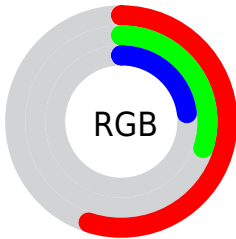
Format	Color
R_{YB}	140, 81, 59
Decimal	9194555
CIE Lab	39.68, 25.23, 21.96
CIE LCh	40, 33.451, 41.035
Yxy	11.0607, 0.4611, 0.3594
Android (android.graphics.Color)	4287384635 (0xFF8C4C3B)
YUV	93.1980, -16.8596, 41.0454
Hunter-Lab	33.2567, 17.9583, 13.4304

Details

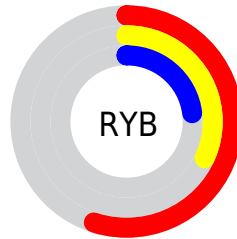
The HunterLab color **33.2567, 17.9583, 13.4304** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **41.2168, -13.1455, -10.5227**, and the grayscale version is **33.2084, -1.7719, 1.8043**.

A 20% lighter version of the original color is **52.7765, 19.7291, 17.2394**, and **17.1592, 15.6964, 9.1544** is the 20% darker color. If you saturate the color by 10%, you get **30.8852, 22.1004, 14.6522**, and if you desaturate by 10%, it is **35.8935, 13.9268, 11.9490**.

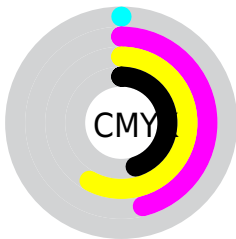
Distribution



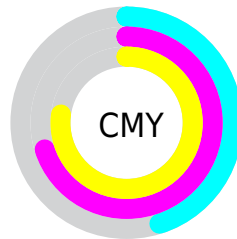
- Red (55%)
- Green (30%)
- Blue (23%)



- Red (55%)
- Yellow (32%)
- Blue (23%)



- Cyan (0%)
- Magenta (46%)
- Yellow (58%)
- Black (45%)



- Cyan (45%)
- Magenta (70%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2567, 17.9583, 13.4304 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 33.2567, 17.9583, 13.4304 by changing the saturation by 10% instead.

■ 33.2567, 17.9583,
13.4304

■ 33.2567, 17.9583,
13.4304

140.7420, 22.4402,
29.4703

■ 24.7137, 16.9529,
11.3156

■ 52.6994, 19.5788,
17.3173

■ 17.0606, 15.7997,
9.0332

■ 63.4820, 20.2275,
19.1502

■ 10.4176, 14.4938,
7.2923

■ 74.9137, 20.7833,
20.9350

0.0000, INF, NaN

0.0000, NaN, NaN

■ 86.9595, 21.2555,
22.6838

0.0000, NaN, NaN

■ 99.5896, 21.6514,
24.4056

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.7781, 21.9774,

126.5023, 22.2388,
27.7941

■ 33.2567, 17.9583,
13.4304

■ 33.2567, 17.9583,
13.4304

■ 30.8852, 22.1004,
14.6522

■ 35.8935, 13.9268,
11.9490

■ 28.8127, 26.2505,
15.5462

■ 38.7590, 10.0719,
10.2661

■ 27.0752, 30.2397,
16.0516

■ 41.8238, 6.4167,
8.4302

■ 25.6946, 33.8248,
16.2262

■ 45.0622, 2.9639,
6.4780

■ 25.4428, 34.5014,
16.2817

■ 48.4523, -0.2961,
4.4363

■ 51.9760, -3.3793,
2.3246

■ 55.6182, -6.3039,
0.1569

■ 59.3661, -9.0882,
-2.0569

■ 63.2093, -11.7494,
-4.3096

Harmonies

Analogous

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



33.2576, 24.6921, 5.8258



33.2567, 17.9583, 13.4304



33.2576, 6.2437, 16.8091

Triad

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



33.2576, 17.9563, 13.4309



33.2576, -21.2764, 8.3093



33.2576, 2.8609, -28.6098

Complementary

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



33.2567, 17.9583, 13.4304



41.2168, -13.1455, -10.5227

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.



33.2576, -9.1017, -27.1764



33.2567, 17.9583, 13.4304



33.2576, -21.9093, -2.7782

Square

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



33.2576, 17.9563, 13.4309



33.2576, -15.8911, 14.6796



33.2576, -17.7670, -16.5513



33.2576, 15.1730, -19.9579

Rectangle

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



33.2567, 17.9583, 13.4304



33.2576, -2.2013, 17.3399



33.2576, -17.7670, -16.5513



33.2576, -1.3492, -29.3541

Sweetspot

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



33.2576, 17.9563, 13.4309



60.0534, 3.7139, 8.4690



31.8647, 33.8915, -15.1293



28.4621, 2.1532, 4.2855



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.



33.2576, 17.9563, 13.4309



40.2543, 30.7834, 19.8090



42.7936, -0.5772, 20.6263



22.8206, 0.0532, 2.2353



24.0349, 32.3631, 15.3768



2.3696, 1.5374, 1.4871

Inverse Universe

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



41.2168, -13.1455, -10.5227



52.5046, -18.1915, -17.3615



30.0929, 4.5987, -30.2594



23.4807, -2.4332, 0.2710



34.2602, -11.8469, -17.2482



3.1408, -1.4229, -0.8541

Previews

White Background



This preview shows how the HunterLab color 33.2567, 17.9583, 13.4304 looks on a white background.

Color Contrast Check

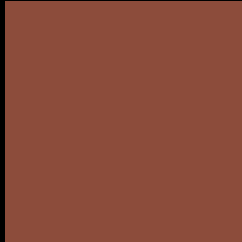
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.2567, 17.9583, 13.4304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

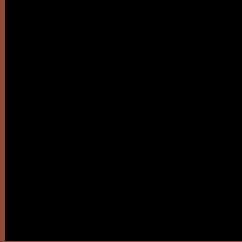
Any Text WCAG AA × Fail

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 33.2567, 17.9583, 13.4304 Background



This preview shows how black text looks on a background with the HunterLab color 33.2567, 17.9583, 13.4304.



This preview shows how white text looks on a background with the HunterLab color 33.2567, 17.9583,

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

33.2567, 17.9583, 13.4304

Protanopia

33.4148, -3.1711, 11.3890

Deuteranopia

33.4294, 1.8863, 13.9964



Tritanopia

33.1547, 21.5438, 7.5787

Trichromacy



Original Color

33.2567, 17.9583, 13.4304

Protanomaly

32.8939, 4.1658, 11.8657

Deuteranomaly

33.1713, 7.3603, 13.6501

Tritanomaly

33.2087, 20.3774, 9.8738

Monochromacy



Original Color

33.2567, 17.9583, 13.4304

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

32.7498, 4.4074, 6.1642

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2567, 17.9583, 13.4304 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(140, 76, 59)` looks like.

```
.text, #text, p{  
  color:rgb(140, 76, 59)  
}
```

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(140, 76, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 76, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2567, 17.9583, 13.4304 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(140, 76, 59) }
```


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

```
.border{ border-color:rgb(140, 76, 59) }
```

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

Here you see how a box with a 4 pixel rgb(140, 76, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 76, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 76, 59);  
box-shadow:4px 4px 4px 4px rgb(140, 76,  
59) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2567, 17.9583, 13.4304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 76, 59) }
```

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

```
.background{ background-color: rgb(140, 76,  
59) }
```

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