

Converting Colors

HunterLab(30.8609, -13.3790,
15.3226)

Have a look what the booklet for
HunterLab(30.8609, -13.3790,
15.3226) contains.

HunterLab(30.8595, -13.3692, 15.2583)	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(30.8595,
-13.3692, 15.2583)**

Conversions

Conversions Part 1

Format	Color
Hex	485E26
RGB	72, 94, 38
RGB Percent	28%, 37%, 15%
CMY	0.7176, 0.6314, 0.8510
CMYK	0.23, 0.00, 0.60, 0.63
HSL	84°, 42%, 26%
HSV	84°, 60%, 37%
XYZ	7.0251, 9.5231, 3.3016
YIQ	81.0380, 4.8640, -22.0800

Conversions

Conversions Part 2

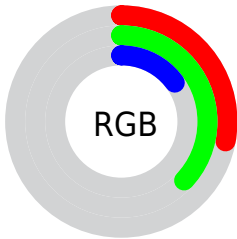
Format	Color
RYB	38, 94, 60
Decimal	4742694
CIELab	36.97, -18.50, 28.97
CIElCh	37, 34.368, 122.563
Yxy	9.5235, 0.3539, 0.4798
Android (android.graphics.Color)	4282932774 (0xFF485E26)
YUV	81.0380, -21.2177, -7.9263
Hunter-Lab	30.8595, -13.3692, 15.2583

Details

The HunterLab color $[30.8595, -13.3692, 15.2583]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[17.7632, 14.9118, -24.1414]$, and the grayscale version is $[28.7725, -1.5352, 1.5633]$.

A 20% lighter version of the original color is $[49.7393, -16.5651, 20.1145]$, and $[15.3196, -9.2276, 9.2784]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.5493, -14.7504, 16.3599]$, and if you desaturate by 10%, it is $[31.2063, -11.8233, 13.8315]$.

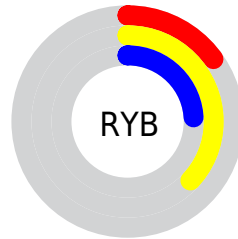
Distribution



Red (28%)

Green (37%)

Blue (15%)



Red (15%)

Yellow (37%)

Blue (24%)

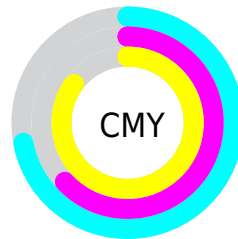


Cyan (23%)

Magenta (0%)

Yellow (60%)

Black (63%)



Cyan (72%)

Magenta (63%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.8595, -13.3692, 15.2583 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 30.8595, -13.3692, 15.2583 by changing the saturation by 10% instead.

■ 30.8595, -13.3692,
15.2583

■ 30.8595, -13.3692,
15.2583

■ 136.8344,
-27.5921, 35.0720

■ 22.5482, -11.5588,
12.4949

■ 49.8952, -16.7387,
20.2340

■ 15.1550, -9.5988,
10.5268

■ 60.4951, -18.3470,
22.5360

■ 8.7863, -9.6431,
6.1504

■ 71.7547, -19.9241,
24.7526

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.6373, -21.4792,
26.9024

0.0000, NaN, NaN

■ 96.1118, -23.0191,
28.9997

0.0000, NaN, NaN

■ 109.1514,

0.0000, NaN, NaN

-24.5488, 31.0551

0.0000, NaN, NaN

122.7325,
-26.0722, 33.0770

30.8595, -13.3692,
15.2583

30.8595, -13.3692,
15.2583

30.5493, -14.7504,
16.3599

31.2063, -11.8233,
13.8315

30.2725, -15.9668,
17.1498

31.5882, -10.1110,
12.0704

30.0281, -17.0243,
17.6494

32.0066, -8.2357,
9.9721

29.8048, -17.9888,
18.0278

32.4615, -6.2019,
7.5374

29.7955, -18.0290,
18.0442

32.9528, -4.0153,
4.7707

■ 33.4804, -1.6829,
1.6795

■ 34.0438, 0.7877,
-1.7264

■ 34.6425, 3.3881,
-5.4352

■ 35.2758, 6.1097,
-9.4337

Harmonies

Analogous

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



30.8602, -2.6984, 16.7596



30.8595, -13.3692, 15.2583



30.8602, -19.9527, 10.3496

Triad

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



30.8602, -13.3700, 15.2585



30.8602, -11.8038, -25.6885



30.8602, 25.6994, 2.6687

Complementary

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



30.8595, -13.3692, 15.2583



17.7632, 14.9118, -24.1414

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.



30.8602, 22.2622, -10.5835



30.8595, -13.3692, 15.2583



30.8602, -0.5839, -30.2918

Square

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



30.8602, -13.3700, 15.2585



30.8602, -19.1529, -13.0420



30.8602, 12.1351, -23.9213



30.8602, 20.9116, 11.4984

Rectangle

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



30.8595, -13.3692, 15.2583



30.8602, -21.7665, 4.4513



30.8602, 12.1351, -23.9213



30.8602, 25.4677, -1.3753

Sweetspot

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



30.8602, -13.3700, 15.2585



43.0174, -7.9220, 9.6221



23.8665, 7.2546, 10.2777



20.9959, -4.1527, 5.0488



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



30.8602, -13.3700, 15.2585



40.2853, -20.1274, 22.0738



29.4842, -18.8167, 14.1509



16.2667, -1.8936, 2.2403



35.0066, -21.3689, 21.1968



81.5980, -51.3023, 49.3822

Inverse Universe

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



17.7632, 14.9118, -24.1414



19.8375, 25.1515, -42.7555



20.5996, 21.9045, -17.4042



15.2313, 0.2516, -0.6316



12.7809, 30.6363, -59.5586



29.0852, 70.8613, -144.3973

Previews

White Background



This preview shows how the HunterLab color 30.8595, -13.3692, 15.2583 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

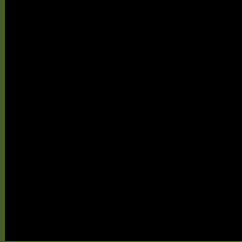
Any Text WCAG AA × Fail

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 30.8595, -13.3692, 15.2583 Background



This preview shows how black text looks on a background with the HunterLab color 30.8595, -13.3692, 15.2583.



This preview shows how white text looks on a background with the HunterLab color 30.8595,

-13.3692, 15.2583.

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

30.8595, -13.3692, 15.2583

Protanopia

30.7980, -3.7254, 15.6992

Deuteranopia

30.7773, 1.5672, 14.9510



Tritanopia

30.7700, -2.9154, -1.9520

Trichromacy



Original Color

30.8595, -13.3692, 15.2583

Protanomaly

30.8555, -7.6324, 15.5162

Deuteranomaly

30.5766, -4.4289, 14.8710

Tritanomaly

30.5667, -7.5177, 6.1370

Monochromacy



Original Color

30.8595, -13.3692, 15.2583

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.4227, -6.4513, 7.9395

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.8595, -13.3692, 15.2583 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(72, 94, 38)` looks like.

```
.text, #text, p{  
    color:rgb(72, 94, 38)  
}
```

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(72, 94, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 94, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 30.8595, -13.3692, 15.2583 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(72, 94, 38) }
```


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

```
.border{ border-color:rgb(72, 94, 38) }
```

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

Here you see how a box with a 4 pixel rgb(72, 94, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 94, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 94, 38);  
box-shadow:4px 4px 4px 4px rgb(72, 94, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.8595, -13.3692, 15.2583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 94, 38) }
```

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

```
.background{ background-color: rgb(72, 94,  
38) }
```

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