

Converting Colors

HunterLab(13.1732, -8.2220,
6.7325)

Have a look what the booklet for
HunterLab(13.1732, -8.2220, 6.7325)
contains.

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Color

**HunterLab(13.1772, -8.1976,
6.6842)**

Conversions

Conversions Part 1

Format	Color
Hex	12290A
RGB	18, 41, 10
RGB Percent	7%, 16%, 4%
CMY	0.9294, 0.8392, 0.9608
CMYK	0.56, 0.00, 0.76, 0.84
HSL	105°, 61%, 10%
HSV	105°, 76%, 16%
XYZ	1.0972, 1.7364, 0.5645
YIQ	30.5890, -3.7570, -14.5170

Conversions

Conversions Part 2

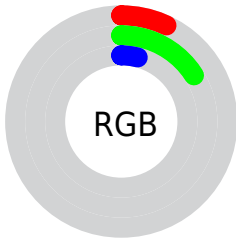
Format	Color
R_{YB}	10, 41, 33
Decimal	1190154
CIE Lab	14.04, -16.47, 16.13
CIE LCh	14, 23.056, 135.605
Yxy	1.7365, 0.3229, 0.5110
Android (android.graphics.Color)	4279380234 (0xFF12290A)
YUV	30.5890, -10.1504, -11.0406
Hunter-Lab	13.1772, -8.1976, 6.6842

Details

The HunterLab color **13.1772, -8.1976, 6.6842** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **8.3699, 9.5805, -9.5358**, and the grayscale version is **11.6092, -0.6194, 0.6307**.

A 20% lighter version of the original color is **28.4726, -11.8315, 10.0700**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.0387, -8.8318, 7.1093**, and if you desaturate by 10%, it is **13.3335, -7.4953, 6.2214**.

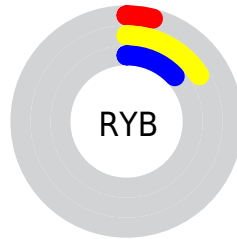
Distribution



Red (7%)

Green (16%)

Blue (4%)



Red (4%)

Yellow (16%)

Blue (13%)

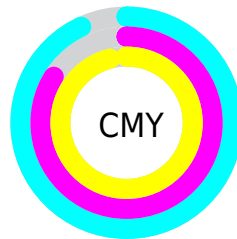


Cyan (56%)

Magenta (0%)

Yellow (76%)

Black (84%)



Cyan (93%)

Magenta (84%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.1772, -8.1976, 6.6842 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 13.1772, -8.1976, 6.6842 by changing the saturation by 10% instead.

13.1772, -8.1976,
6.6842

13.1772, -8.1976,
6.6842

105.2675,
-22.1444, 20.4128

6.6865, -11.0930,
4.6806

28.3316, -11.7076,
10.0023

0.0000, NaN, NaN

0.0000, NaN, NaN

37.2356, -13.3018,
11.6038

0.0000, NaN, NaN

46.9158, -14.8384,
13.1416

0.0000, NaN, NaN

57.3142, -16.3366,
14.6367

0.0000, NaN, NaN

0.0000, NaN, NaN


68.3842, -17.8088,
16.1031


0.0000, NaN, NaN


80.0874, -19.2636,


0.0000, NaN, NaN


17.5503


 92.3912, -20.7073,
18.9852


 13.1772, -8.1976,
6.6842


 13.1772, -8.1976,
6.6842


 13.0387, -8.8318,
7.1093


 13.3335, -7.4953,
6.2214


 12.9130, -9.4202,
7.5546

 13.5111, -6.7009,
5.6590

 12.8618, -9.6639,
7.7562

 13.7105, -5.8178,
4.9978

 13.9316, -4.8501,
4.2399

 14.1742, -3.8027,
3.3881

■ 14.4380, -2.6808,
2.4467

■ 14.7227, -1.4902,
1.4202

■ 15.0276, -0.2369,
0.3137

■ 15.3522, 1.0734,
-0.8672

Harmonies

Analogous

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



13.1775, -3.7651, 8.5956



13.1772, -8.1976, 6.6842



13.1775, -10.3915, 3.2407

Triad

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



13.1775, -8.1978, 6.6843



13.1775, -3.5435, -15.7144



13.1775, 12.8847, 3.4221

Complementary

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



13.1772, -8.1976, 6.6842



8.3699, 9.5805, -9.5358

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.



13.1775, 12.9744, -2.4313



13.1772, -8.1976, 6.6842



13.1775, 2.6653, -15.5874

Square

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



13.1775, -8.1978, 6.6843



13.1775, -8.0616, -10.2567



13.1775, 8.9618, -9.9635



13.1775, 8.7358, 6.7926

Rectangle

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



13.1772, -8.1976, 6.6842



13.1775, -10.6079, -0.4413



13.1775, 8.9618, -9.9635



13.1775, 13.4131, 1.7794

Sweetspot

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



13.1775, -8.1978, 6.6843



18.1742, -4.7057, 4.2028



12.5155, -0.4260, 6.3441



10.2820, -2.7118, 2.4190



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



13.1775, -8.1978, 6.6843



16.5228, -12.0295, 9.4741



13.0065, -8.7468, 5.4000



8.3469, -1.0111, 0.9502



25.5564, -20.2317, 15.3936



69.0750, -56.2500, 41.5789

Inverse Universe

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



8.3699, 9.5805, -9.5358



9.1524, 15.5999, -16.3387



8.9593, 10.3897, -4.1966



8.0232, 0.1529, -0.0833



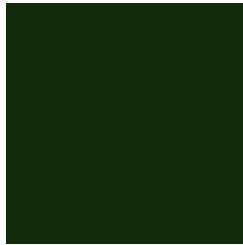
12.9642, 27.1570, -30.0362



34.5070, 72.8182, -84.0869

Previews

White Background



This preview shows how the HunterLab color 13.1772, -8.1976, 6.6842 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

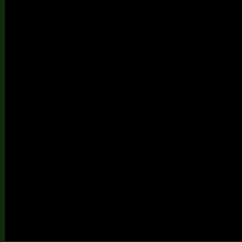
Any Text WCAG AA × Fail

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 13.1772, -8.1976, 6.6842 Background



This preview shows how black text looks on a background with the HunterLab color 13.1772, -8.1976, 6.6842.



This preview shows how white text looks on a background with the HunterLab color 13.1772, -8.1976, 6.6842.

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

13.1772, -8.1976, 6.6842

Protanopia

13.1628, -1.9441, 6.9127

Deuteranopia

13.1568, 0.4043, 6.3983



Tritanopia

13.1928, -3.1977, -1.3544

Trichromacy



Original Color

13.1772, -8.1976, 6.6842

Protanomaly

13.0883, -4.6554, 6.8127

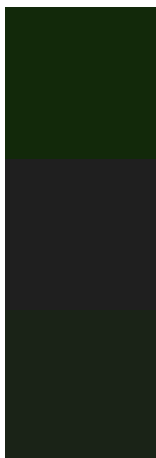
Deuteranomaly

13.0652, -3.4493, 6.4119

Tritanomaly

13.0971, -5.3286, 2.4167

Monochromacy



Original Color

13.1772, -8.1976, 6.6842

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

12.1801, -3.9973, 3.4894

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.1772, -8.1976, 6.6842 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(18, 41, 10)` looks like.

```
.text, #text, p{  
    color:rgb(18, 41, 10)  
}
```

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(18, 41, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 41, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 13.1772, -8.1976, 6.6842 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(18, 41, 10) }
```


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

```
.border{ border-color:rgb(18, 41, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 41, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 41, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 41, 10);  
box-shadow:4px 4px 4px 4px rgb(18, 41, 10)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.1772, -8.1976, 6.6842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 41, 10) }
```

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

```
.background{ background-color: rgb(18, 41,  
10) }
```

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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