

Converting Colors

HunterLab(21.1611, -13.0018,
5.2767)

Have a look what the booklet for
HunterLab(21.1611, -13.0018,
5.2767) contains.

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Color

**HunterLab(21.1611,
-13.0018, 5.2767)**

Conversions

Conversions Part 1

Format	Color
Hex	13442F
RGB	19, 68, 47
RGB Percent	7%, 27%, 18%
CMY	0.9255, 0.7333, 0.8157
CMYK	0.72, 0.00, 0.31, 0.73
HSL	154°, 56%, 17%
HSV	154°, 72%, 27%
XYZ	2.8488, 4.4779, 3.4035
YIQ	50.9550, -22.4630, -16.9190

Conversions

Conversions Part 2

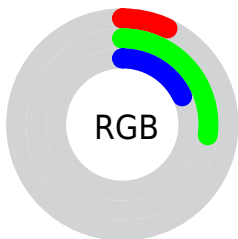
Format	Color
RYB	19, 50, 68
Decimal	1262639
CIELab	25.19, -22.24, 8.02
CIElCh	25, 23.642, 160.170
Yxy	4.4781, 0.2655, 0.4173
Android (android.graphics.Color)	4279452719 (0xFF13442F)
YUV	50.9550, -1.9498, -28.0245
Hunter-Lab	21.1611, -13.0018, 5.2767

Details

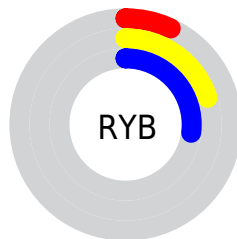
The HunterLab color **21.1611, -13.0018, 5.2767** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13.5940, 15.6015, -0.1064**, and the grayscale version is **18.1917, -0.9707, 0.9884**.

A 20% lighter version of the original color is **38.3951, -17.3493, 7.3635**, and **8.8536, -7.5920, 5.3226** is the 20% darker color. If you saturate the color by 10%, you get **20.9679, -13.8969, 5.9150**, and if you desaturate by 10%, it is **21.4032, -11.9186, 4.6472**.

Distribution



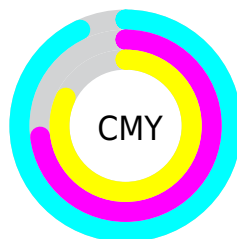
- Red (7%)
- Green (27%)
- Blue (18%)



- Red (7%)
- Yellow (20%)
- Blue (27%)



- Cyan (72%)
- Magenta (0%)
- Yellow (31%)
- Black (73%)



- Cyan (93%)
- Magenta (73%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1611, -13.0018, 5.2767 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 21.1611, -13.0018, 5.2767 by changing the saturation by 10% instead.

■ 21.1611, -13.0018,
5.2767

■ 21.1611, -13.0018,
5.2767

120.2759,
-29.5659, 14.5167

■ 13.9443, -10.6498,
4.2155

■ 38.3146, -17.1421,
7.3083

■ 7.5821, -13.1864,
4.7972

■ 48.0804, -19.0496,
8.3124

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.5585, -20.8901,
9.3197

0.0000, NaN, NaN

■ 69.7035, -22.6817,
10.3347

0.0000, NaN, NaN

■ 81.4776, -24.4370,
11.3603

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.8488, -26.1652,

■ 106.7896,
-27.8730, 13.4501

■ 21.1611, -13.0018,
5.2767

■ 21.1611, -13.0018,
5.2767

■ 20.9679, -13.8969,
5.9150

■ 21.4032, -11.9186,
4.6472

■ 20.8100, -14.6470,
6.5447

■ 21.6949, -10.6466,
4.0331

■ 20.6880, -15.2285,
7.0157

■ 22.0378, -9.1905,
3.4411

■ 22.4325, -7.5586,
2.8768

■ 22.8789, -5.7619,
2.3453

■ 23.3765, -3.8135,
1.8503

■ 23.9244, -1.7278,
1.3949

■ 24.5210, 0.4803,
0.9811

■ 25.1650, 2.7961,
0.6101

Harmonies

Analogous

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



21.1615, -9.6095, 9.1498



21.1611, -13.0018, 5.2767



21.1615, -13.4771, -1.4014

Triad

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



21.1615, -13.0020, 5.2769



21.1615, 1.4620, -17.1566



21.1615, 10.9813, 8.1978

Complementary

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



21.1611, -13.0018, 5.2767



13.5940, 15.6015, -0.1064

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.



21.1615, 14.9167, 3.4220



21.1611, -13.0018, 5.2767



21.1615, 8.9382, -12.1494

Square

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



21.1615, -13.0020, 5.2769



21.1615, -5.7788, -16.1200



21.1615, 14.1212, -4.0183



21.1615, 3.9578, 10.3863

Rectangle

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



21.1611, -13.0018, 5.2767



21.1615, -12.1564, -6.9155



21.1615, 14.1212, -4.0183



21.1615, 12.7505, 6.9252

Sweetspot

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



21.1615, -13.0020, 5.2769



30.1096, -7.8122, 3.1515



21.5343, -12.2460, 11.3586



15.6342, -4.2039, 1.6788



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.1615, -13.0020, 5.2769



27.4904, -19.0554, 8.4383



20.7510, -8.8987, -2.9954



12.1343, -1.5866, 0.8663



29.6822, -22.0920, 10.5901



74.2234, -56.1216, 28.3777

Inverse Universe

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



13.5940, 15.6015, -0.1064



16.1364, 24.4453, 1.1037



13.6386, 12.6946, 5.9478



11.6031, 0.3525, 0.4413



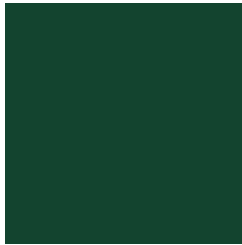
16.4308, 29.1352, 2.8888



40.9378, 72.1779, 10.4013

Previews

White Background



This preview shows how the HunterLab color 21.1611, -13.0018, 5.2767 looks on a white background.

Color Contrast Check

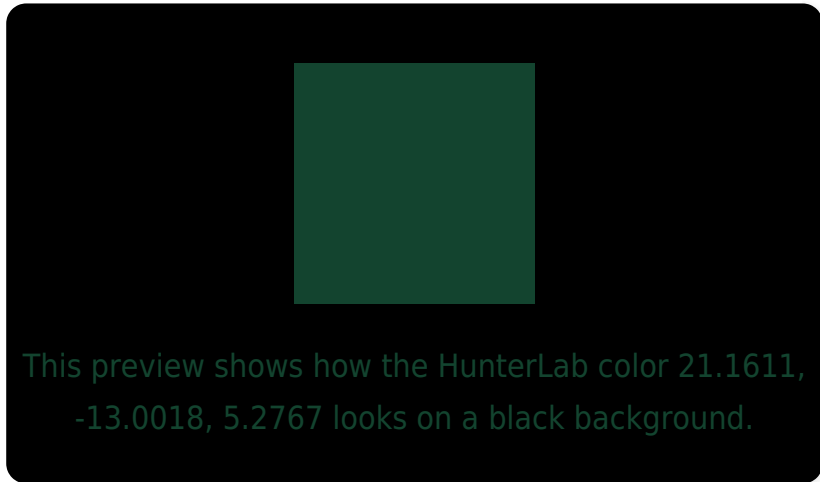
Large Text (above 18pt) WCAG AA ✓ Pass

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

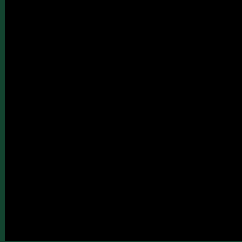
Any Text WCAG AA × Fail

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 21.1611, -13.0018, 5.2767 Background



This preview shows how black text looks on a background with the HunterLab color 21.1611, -13.0018, 5.2767.



This preview shows how white text looks on a background with the HunterLab color 21.1611,

-13.0018, 5.2767.

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

21.1611, -13.0018, 5.2767

Protanopia

21.2041, -2.0347, 6.6396

Deuteranopia

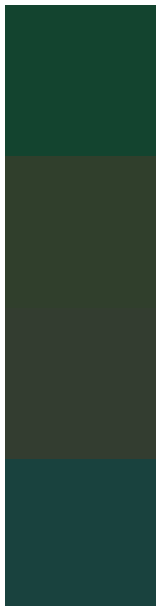
21.0077, 1.2326, 4.7655



Tritanopia

21.1755, -7.5326, -3.3075

Trichromacy



Original Color

21.1611, -13.0018, 5.2767

Protanomaly

20.8932, -7.0791, 5.9883

Deuteranomaly

20.6269, -5.2250, 4.5810

Tritanomaly

21.0972, -9.6878, 0.0225

Monochromacy



Original Color

21.1611, -13.0018, 5.2767

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.9417, -6.0498, 2.1204

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1611, -13.0018, 5.2767 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(19, 68, 47)` looks like.

```
.text, #text, p{  
    color:rgb(19, 68, 47)  
}
```

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(19, 68, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 68, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1611, -13.0018, 5.2767 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(19, 68, 47) }
```


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

```
.border{ border-color:rgb(19, 68, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 68, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 68, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 68, 47);  
box-shadow:4px 4px 4px 4px rgb(19, 68, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.1611, -13.0018, 5.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 68, 47) }
```

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

```
.background{ background-color: rgb(19, 68,  
47) }
```

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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