

Converting Colors

HunterLab(22.6118, -11.8972,
4.5337)

Have a look what the booklet for
HunterLab(22.6118, -11.8972,
4.5337) contains.

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Color

**HunterLab(22.5036,
-11.7447, 4.4659)**

Conversions

Conversions Part 1

Format	Color
Hex	1F4736
RGB	31, 71, 54
RGB Percent	12%, 28%, 21%
CMY	0.8784, 0.7216, 0.7882
CMYK	0.56, 0.00, 0.24, 0.72
HSL	154°, 39%, 20%
HSV	154°, 56%, 28%
XYZ	3.4842, 5.0641, 4.2839
YIQ	57.1020, -18.3830, -13.7670

Conversions

Conversions Part 2

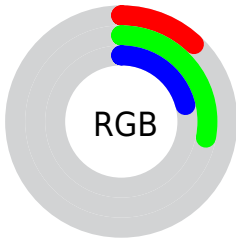
Format	Color
R_{YB}	31, 56, 71
Decimal	2049846
CIE _{Lab}	26.92, -18.89, 5.97
CIE _{LCh}	27, 19.812, 162.457
Yxy	5.0643, 0.2715, 0.3946
Android (android.graphics.Color)	4280239926 (0xFF1F4736)
YUV	57.1020, -1.5293, -22.8915
Hunter-Lab	22.5036, -11.7447, 4.4659

Details

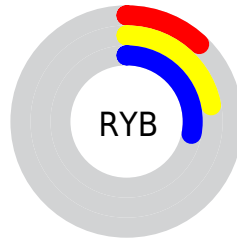
The HunterLab color **22.5036, -11.7447, 4.4659** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15.9157, 12.7717, -0.3869**, and the grayscale version is **20.2724, -1.0817, 1.1014**.

A 20% lighter version of the original color is **40.0435, -15.2920, 6.1774**, and **9.4902, -7.3135, 3.9258** is the 20% darker color. If you saturate the color by 10%, you get **22.2227, -12.9869, 5.1154**, and if you desaturate by 10%, it is **22.8391, -10.3055, 3.8379**.

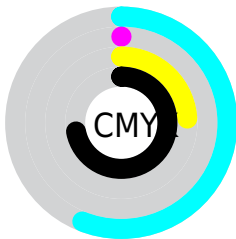
Distribution



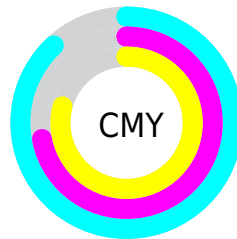
- Red (12%)
- Green (28%)
- Blue (21%)



- Red (12%)
- Yellow (22%)
- Blue (28%)



- Cyan (56%)
- Magenta (0%)
- Yellow (24%)
- Black (72%)



- Cyan (88%)
- Magenta (72%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 22.5036, -11.7447, 4.4659 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 22.5036, -11.7447, 4.4659 by changing the saturation by 10% instead.

■ 22.5036, -11.7447,
4.4659

■ 22.5036, -11.7447,
4.4659

■ 122.6549,
-26.4644, 12.7067

■ 15.1164, -9.7479,
3.5905

■ 39.9455, -15.3323,
6.2030

■ 8.7509, -9.8741,
3.3051

■ 49.8377, -17.0102,
7.0833

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.4339, -18.6419,
7.9773

0.0000, NaN, NaN

■ 71.6898, -20.2407,
8.8873

0.0000, NaN, NaN

■ 83.5690, -21.8163,
9.8146

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 96.0403, -23.3755,

10.7599

0.0000, NaN, NaN

109.0768,
-24.9236, 11.7239

22.5036, -11.7447,
4.4659

22.5036, -11.7447,
4.4659

22.2227, -12.9869,
5.1154

22.8391, -10.3055,
3.8379

21.9934, -14.0289,
5.7785

23.2287, -8.6757,
3.2373

21.8136, -14.8735,
6.4476

23.6732, -6.8658,
2.6697

21.6566, -15.6240,
7.0922

24.1722, -4.8891,
2.1398

21.5998, -15.8960,
7.3170

24.7249, -2.7602,
1.6510

■ 25.3299, -0.4949,
1.2061

■ 25.9857, 1.8910,
0.8064

■ 26.6905, 4.3821,
0.4527

■ 27.4423, 6.9635,
0.1450

Harmonies

Analogous

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



22.5041, -8.8986, 8.2458



22.5036, -11.7447, 4.4659



22.5041, -11.9715, -1.4405

Triad

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



22.5041, -11.7450, 4.4661



22.5041, 1.5058, -13.4087



22.5041, 8.5826, 7.7644

Complementary

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



22.5036, -11.7447, 4.4659



15.9157, 12.7717, -0.3869

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.



22.5041, 12.0729, 3.5996



22.5036, -11.7447, 4.4659



22.5041, 7.6921, -9.1974

Square

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



22.5041, -11.7450, 4.4661



22.5041, -4.7815, -12.9843



22.5041, 11.7300, -2.5840



22.5041, 2.6163, 9.7529

Rectangle

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



22.5036, -11.7447, 4.4659



22.5041, -10.6458, -5.9808



22.5041, 11.7300, -2.5840



22.5041, 10.1127, 6.6309

Sweetspot

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



22.5041, -11.7450, 4.4661



31.3412, -6.7090, 2.8704



22.8957, -10.9453, 10.5595



15.8161, -3.4820, 1.4739



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.



22.5041, -11.7450, 4.4661



28.7597, -17.5016, 7.0209



22.1836, -8.3259, -2.4095



12.9205, -1.7093, 0.9234



30.5064, -22.6810, 10.8313



75.1903, -56.7604, 28.5481

Inverse Universe

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



15.9157, 12.7717, -0.3869



18.5659, 20.9068, -0.1039



16.0116, 9.9785, 5.2405



12.3418, 0.3975, 0.4692



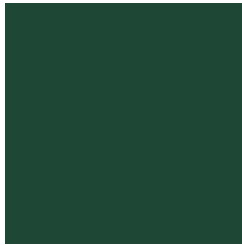
16.8735, 29.8985, 3.1353



41.4436, 73.0316, 10.8257

Previews

White Background



This preview shows how the HunterLab color 22.5036, -11.7447, 4.4659 looks on a white background.

Color Contrast Check

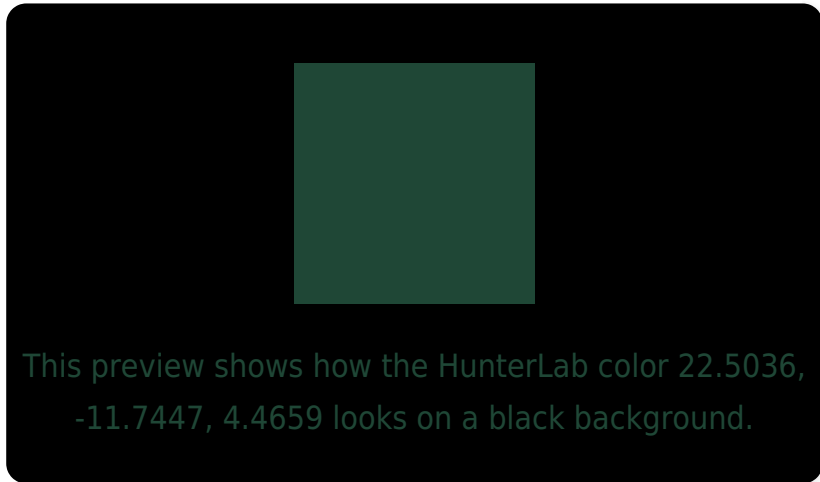
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5036, -11.7447, 4.4659 Background



This preview shows how black text looks on a background with the HunterLab color 22.5036, -11.7447, 4.4659.



This preview shows how white text looks on a background with the HunterLab color 22.5036,

-11.7447, 4.4659.

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

22.5036, -11.7447, 4.4659

Protanopia

22.3128, -1.7040, 5.7007

Deuteranopia

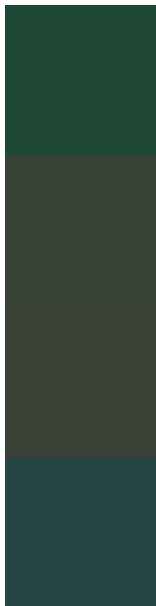
22.3623, 1.2162, 3.8812



Tritanopia

22.4098, -6.8294, -3.4513

Trichromacy



Original Color

22.5036, -11.7447, 4.4659

Protanomaly

22.1804, -6.0854, 5.1890

Deuteranomaly

22.1952, -4.5235, 3.9422

Tritanomaly

22.4027, -8.6533, -0.4007

Monochromacy



Original Color

22.5036, -11.7447, 4.4659

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.8786, -5.2863, 2.1481

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 22.5036, -11.7447, 4.4659 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(31, 71, 54)` looks like.

```
.text, #text, p{  
  color:rgb(31, 71, 54)  
}
```

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(31, 71, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 71, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 22.5036, -11.7447, 4.4659 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(31, 71, 54) }
```


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

```
.border{ border-color:rgb(31, 71, 54) }
```

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

Here you see how a box with a 4 pixel rgb(31, 71, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 71, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 71, 54);  
box-shadow:4px 4px 4px 4px rgb(31, 71, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 22.5036, -11.7447, 4.4659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 71, 54) }
```

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

```
.background{ background-color: rgb(31, 71,  
54) }
```

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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