

Converting Colors

HunterLab(22.5608, -11.5870,
6.6799)

Have a look what the booklet for
HunterLab(22.5608, -11.5870,
6.6799) contains.

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Color

**HunterLab(22.5943,
-11.6580, 6.6613)**

Conversions

Conversions Part 1

Format	Color
Hex	25472F
RGB	37, 71, 47
RGB Percent	15%, 28%, 18%
CMY	0.8549, 0.7216, 0.8157
CMYK	0.48, 0.00, 0.34, 0.72
HSL	138°, 31%, 21%
HSV	138°, 48%, 28%
XYZ	3.5293, 5.1050, 3.4887
YIQ	58.0980, -12.5600, -14.6720

Conversions

Conversions Part 2

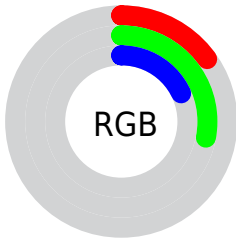
Format	Color
R_{YB}	37, 63, 71
Decimal	2443055
CIE _{Lab}	27.03, -18.67, 10.67
CIE _{LCh}	27, 21.508, 150.256
Yxy	5.1052, 0.2911, 0.4211
Android (android.graphics.Color)	4280633135 (0xFF25472F)
YUV	58.0980, -5.4713, -18.5029
Hunter-Lab	22.5943, -11.6580, 6.6613




Details

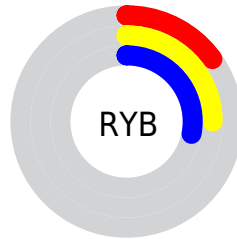
The HunterLab color **22.5943, -11.6580, 6.6613** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.3198, 11.9720, -4.2318**, and the grayscale version is **20.6250, -1.1005, 1.1206**.




A 20% lighter version of the original color is **40.1349, -15.3164, 9.1643**, and **9.1132, -7.8146, 5.4787** is the 20% darker color. If you saturate the color by 10%, you get **22.2447, -13.2216, 7.6400**, and if you desaturate by 10%, it is **23.0053, -9.8708, 5.6261**.

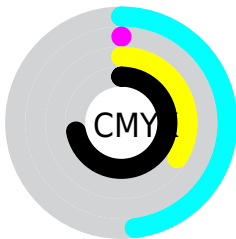
Distribution







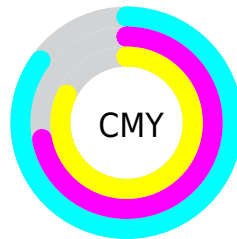
-  Red (15%)
-  Green (28%)
-  Blue (18%)






-  Red (15%)
-  Yellow (25%)
-  Blue (28%)



-  Cyan (48%)
-  Magenta (0%)
-  Yellow (34%)
-  Black (72%)



-  Cyan (85%)
-  Magenta (72%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 22.5943, -11.6580, 6.6613 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 22.5943, -11.6580, 6.6613 by changing the saturation by 10% instead.

■ 22.5943, -11.6580,
6.6613

■ 22.5943, -11.6580,
6.6613

122.8145,
-26.2610, 17.2436

■ 15.1959, -9.6833,
5.3724

■ 40.0553, -15.2110,
9.0736

■ 8.8235, -9.6935,
5.4931

■ 49.9560, -16.8744,
10.2427

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.5599, -18.4928,
11.4029

0.0000, NaN, NaN

■ 71.8232, -20.0794,
12.5610

0.0000, NaN, NaN

■ 83.7094, -21.6436,
13.7213

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 96.1874, -23.1920,

109.2302,
-24.7299, 16.0606

22.5943, -11.6580,
6.6613

22.5943, -11.6580,
6.6613

22.2447, -13.2216,
7.6400

23.0053, -9.8708,
5.6261

21.9543, -14.5513,
8.5517

23.4763, -7.8730,
4.5440

21.7217, -15.6432,
9.3878

24.0072, -5.6816,
3.4254

21.5432, -16.5035,
10.1399

24.5968, -3.3158,
2.2801

21.3870, -17.2599,
10.7803

25.2436, -0.7951,
1.1172

■ 21.3550, -17.4141,
10.9000

■ 25.9455, 1.8606,
-0.0550

■ 26.7003, 4.6324,
-1.2295

■ 27.5056, 7.5026,
-2.4004

■ 28.3589, 10.4551,
-3.5626

Harmonies

Analogous

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



22.5948, -7.5409, 9.6724



22.5943, -11.6580, 6.6613



22.5948, -13.0551, 1.1730

Triad

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



22.5948, -11.6583, 6.6615



22.5948, -1.1471, -15.4875



22.5948, 11.5037, 6.7334

Complementary

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



22.5943, -11.6580, 6.6613



17.3198, 11.9720, -4.2318

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.



22.5948, 13.7339, 1.2866



22.5943, -11.6580, 6.6613



22.5948, 5.9124, -12.6998

Square

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



22.5948, -11.6583, 6.6615



22.5948, -7.4492, -12.7887



22.5948, 11.5760, -6.0119



22.5948, 5.7967, 9.7042

Rectangle

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



22.5943, -11.6580, 6.6613



22.5948, -12.4054, -3.6175



22.5948, 11.5760, -6.0119



22.5948, 12.7135, 5.1957

Sweetspot

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



22.5948, -11.6583, 6.6615



31.4644, -6.3829, 3.9592



23.7572, -7.5055, 10.1396



15.8619, -3.3866, 2.0796



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.



22.5948, -11.6583, 6.6615



28.8702, -17.4387, 10.0965



22.9478, -9.5786, 1.5809



12.8982, -1.8329, 1.2408



30.1648, -24.8017, 15.8364



74.3728, -61.8437, 40.5434

Inverse Universe

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



17.3198, 11.9720, -4.2318



20.6759, 19.5334, -6.7397



16.8743, 9.8397, 2.0699



12.3653, 0.5242, 0.1343



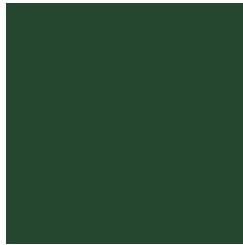
17.6714, 32.7794, -8.0890



43.4371, 80.2463, -17.3497

Previews

White Background



This preview shows how the HunterLab color 22.5943, -11.6580, 6.6613 looks on a white background.

Color Contrast Check

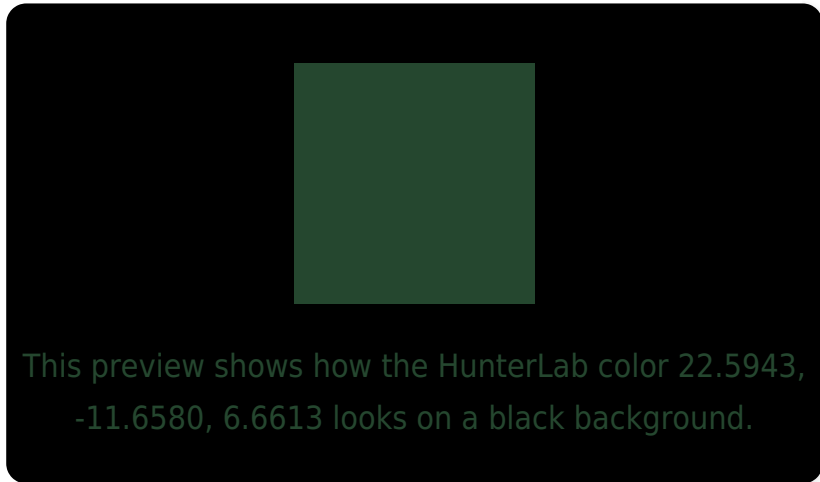
Large Text (above 18pt) WCAG AA ✓ Pass

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

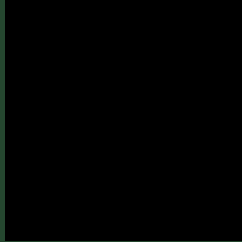
Any Text WCAG AA × Fail

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 22.5943, -11.6580, 6.6613 Background



This preview shows how black text looks on a background with the HunterLab color 22.5943, -11.6580, 6.6613.



This preview shows how white text looks on a background with the HunterLab color 22.5943,

-11.6580, 6.6613.

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

22.5943, -11.6580, 6.6613

Protanopia

22.6138, -2.1416, 7.6495

Deuteranopia

22.4835, 1.3401, 6.2152



Tritanopia

22.6470, -6.0085, -2.6523

Trichromacy



Original Color

22.5943, -11.6580, 6.6613

Protanomaly

22.5247, -6.3872, 7.2330

Deuteranomaly

22.3296, -4.3172, 6.2590

Tritanomaly

22.5784, -8.1420, 1.0329

Monochromacy



Original Color

22.5943, -11.6580, 6.6613

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

21.2119, -5.4907, 3.2195

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 22.5943, -11.6580, 6.6613 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(37, 71, 47)` looks like.

```
.text, #text, p{  
  color:rgb(37, 71, 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(37, 71, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 71, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 22.5943, -11.6580, 6.6613 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(37, 71, 47) }
```


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

```
.border{ border-color:rgb(37, 71, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 71, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 71, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 71, 47);  
box-shadow:4px 4px 4px 4px rgb(37, 71, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 22.5943, -11.6580, 6.6613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 71, 47) }
```

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

```
.background{ background-color: rgb(37, 71,  
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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