

Converting Colors

HunterLab(27.7284, -22.8940,
14.7634)

Have a look what the booklet for
HunterLab(27.7284, -22.8940,
14.7634) contains.

HunterLab(27.7929, -22.9309, 14.7625)	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(27.7929,
-22.9309, 14.7625)**

Conversions

Conversions Part 1

Format	Color
Hex	005C19
RGB	0, 92, 25
RGB Percent	0%, 36%, 10%
CMY	1.0000, 0.6392, 0.9020
CMYK	1.00, 0.00, 0.73, 0.64
HSL	136°, 100%, 18%
HSV	136°, 100%, 36%
XYZ	4.0026, 7.7245, 2.1997
YIQ	56.8540, -33.3250, -40.3410

Conversions

Conversions Part 2

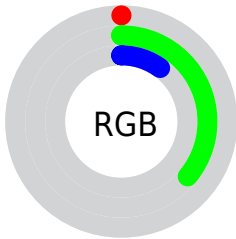
Format	Color
RYB	0, 72, 92
Decimal	23577
CIELab	33.40, -38.99, 30.71
CIELCh	33, 49.626, 141.776
Yxy	7.7248, 0.2874, 0.5546
Android (android.graphics.Color)	4278213657 (0xFF005C19)
YUV	56.8540, -15.7040, -49.8610
Hunter-Lab	27.7929, -22.9309, 14.7625

Details

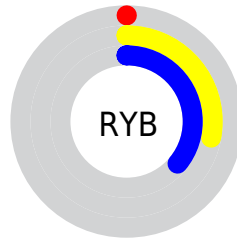
The HunterLab color **27.7929, -22.9309, 14.7625** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **16.3727, 30.5137, -8.6069**, and the grayscale version is **20.2382, -1.0799, 1.0996**.

A 20% lighter version of the original color is **46.1585, -29.3182, 20.0544**, and **13.6995, -11.7474, 8.2359** is the 20% darker color. If you saturate the color by 10%, you get **27.7935, -22.9313, 14.7627**, and if you desaturate by 10%, it is **27.9582, -22.1174, 13.9875**.

Distribution



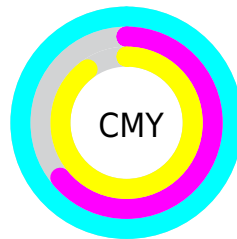
- Red (0%)
- Green (36%)
- Blue (10%)



- Red (0%)
- Yellow (28%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.7929, -22.9309, 14.7625 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 27.7929, -22.9309, 14.7625 by changing the saturation by 10% instead.

■ 27.7929, -22.9309,
14.7625

■ 27.7929, -22.9309,
14.7625

131.7410,
-47.7801, 35.7795

■ 19.7973, -19.2841,
11.8388

■ 46.2786, -29.3421,
20.1212

■ 12.7615, -15.9181,
8.9330

■ 56.6328, -32.2608,
22.5778

■ 6.1378, -10.7412,
4.2965

■ 67.6614, -35.0483,
24.9317

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.3254, -37.7327,
27.2055

0.0000, NaN, NaN

■ 91.5918, -40.3343,
29.4159


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 104.4325,


-42.8686, 31.5754


0.0000, NaN, NaN


 117.8228,
-45.3474, 33.6940


 27.7929, -22.9309,
14.7625


 27.7929, -22.9309,
14.7625


 27.7935, -22.9313,
14.7627

 27.9582, -22.1174,
13.9875

 28.1596, -21.1304,
13.0490

 28.4361, -19.8147,
11.9775

 28.7930, -18.1601,
10.7824

 29.2337, -16.1679,
9.4756

■ 29.7599, -13.8491,
8.0708

■ 30.3722, -11.2220,
6.5832

■ 31.0699, -8.3104,
5.0284

■ 31.8516, -5.1418,
3.4216

Harmonies

Analogous

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



27.7935, -12.6877, 17.7393



27.7929, -22.9309, 14.7625



27.7935, -27.1656, 5.6354

Triad

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



27.7935, -22.9312, 14.7626



27.7935, -6.0448, -50.8630



27.7935, 36.2338, 10.8136

Complementary

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



27.7929, -22.9309, 14.7625



16.3727, 30.5137, -8.6069

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.



27.7935, 39.2481, -3.3574



27.7929, -22.9309, 14.7625



27.7935, 11.8335, -46.2086

Square

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



27.7935, -22.9312, 14.7626



27.7935, -19.0827, -36.1209



27.7935, 29.4455, -25.7268



27.7935, 21.9963, 16.5939

Rectangle

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



27.7929, -22.9309, 14.7625



27.7935, -26.9549, -5.6786



27.7935, 29.4455, -25.7268



27.7935, 38.7118, 7.1823

Sweetspot

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



27.7935, -22.9312, 14.7626



40.0987, -15.1936, 8.9007



29.7733, -15.0867, 18.0820



19.9604, -8.1099, 4.7366



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.



27.7935, -22.9312, 14.7626



36.7482, -30.4682, 19.8400



28.4667, -18.7796, 4.9588



16.1096, -2.3976, 1.6290



33.4203, -27.6677, 17.9540



78.1220, -65.2748, 43.2639

Inverse Universe

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



16.3727, 30.5137, -8.6069



21.6219, 40.2319, -10.8630



15.2686, 26.5138, 7.0286



15.4036, 0.7730, 0.0837



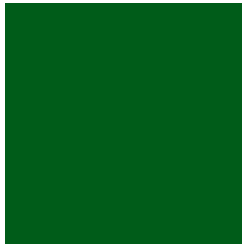
19.6713, 36.6209, -10.0265



45.8651, 85.0986, -21.1624

Previews

White Background



This preview shows how the HunterLab color 27.7929, -22.9309, 14.7625 looks on a white background.

Color Contrast Check

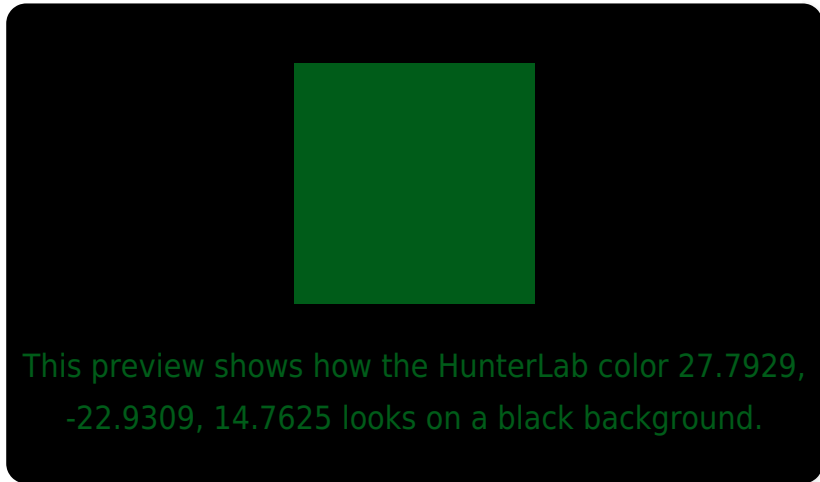
Large Text (above 18pt) WCAG AA ✓ Pass

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

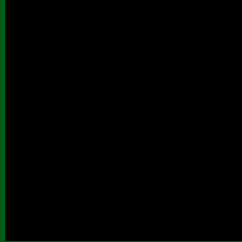
Any Text WCAG AA × Fail

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 27.7929, -22.9309, 14.7625 Background



This preview shows how black text looks on a background with the HunterLab color 27.7929, -22.9309, 14.7625.



This preview shows how white text looks on a background with the HunterLab color 27.7929, -22.9309, 14.7625.

-22.9309, 14.7625.

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

27.7929, -22.9309, 14.7625

Protanopia

27.7932, -3.9038, 15.4384

Deuteranopia

27.7988, 1.4394, 14.3899



Tritanopia

28.0321, -10.1946, -4.8089

Trichromacy



Original Color

27.7929, -22.9309, 14.7625

Protanomaly

26.9133, -14.2290, 14.5490

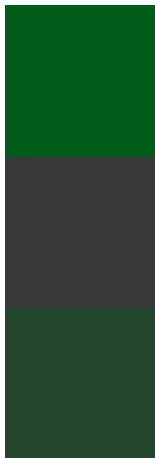
Deuteranomaly

26.4532, -11.5366, 13.4930

Tritanomaly

27.5518, -16.4064, 4.9214

Monochromacy



Original Color

27.7929, -22.9309, 14.7625

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

22.2370, -11.6917, 6.8783

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.7929, -22.9309, 14.7625 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(0, 92, 25)` looks like.

```
.text, #text, p{  
    color:rgb(0, 92, 25)  
}
```

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(0, 92, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 92, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 27.7929, -22.9309, 14.7625 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(0, 92, 25) }
```


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

```
.border{ border-color:rgb(0, 92, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 92, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 92, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 92, 25); box-shadow:4px  
4px 4px 4px rgb(0, 92, 25) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.7929, -22.9309, 14.7625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 92, 25) }
```

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

```
.background{ background-color: rgb(0, 92,  
25) }
```

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