

Converting Colors

HunterLab(28.3935, -21.3870,
8.1522)

Have a look what the booklet for
HunterLab(28.3935, -21.3870,
8.1522) contains.

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Color

**HunterLab(28.5569,
-20.4090, 8.3636)**

Conversions

Conversions Part 1

Format	Color
Hex	005D3C
RGB	0, 93, 60
RGB Percent	0%, 36%, 24%
CMY	1.0000, 0.6353, 0.7647
CMYK	1.00, 0.00, 0.35, 0.64
HSL	159°, 100%, 18%
HSV	159°, 100%, 36%
XYZ	4.7300, 8.1550, 5.5997
YIQ	61.4310, -44.8350, -29.9790

Conversions

Conversions Part 2

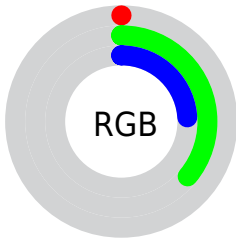
Format	Color
RYB	0, 57, 93
Decimal	23868
CIELab	34.30, -32.91, 12.35
CIELCh	34, 35.156, 159.426
Yxy	8.1553, 0.2559, 0.4412
Android (android.graphics.Color)	4278213948 (0xFF005D3C)
YUV	61.4310, -0.7055, -53.8750
Hunter-Lab	28.5569, -20.4090, 8.3636

Details

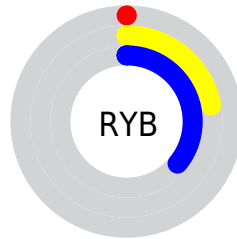
The HunterLab color **28.5569, -20.4090, 8.3636** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **15.6114, 27.4371, 4.6342**, and the grayscale version is **21.7654, -1.1613, 1.1826**.

A 20% lighter version of the original color is **47.1408, -25.7182, 10.7539**, and **14.1339, -11.0167, 6.1158** is the 20% darker color. If you saturate the color by 10%, you get **28.5574, -20.4096, 8.3642**, and if you desaturate by 10%, it is **28.7251, -19.5924, 7.5594**.

Distribution



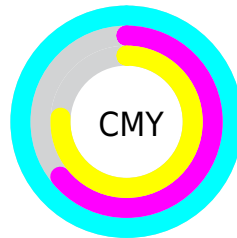
- Red (0%)
- Green (36%)
- Blue (24%)



- Red (0%)
- Yellow (22%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.5569, -20.4090, 8.3636 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 28.5569, -20.4090, 8.3636 by changing the saturation by 10% instead.

■ 28.5569, -20.4090,
8.3636

■ 28.5569, -20.4090,
8.3636

133.0207,
-41.9835, 19.7374

■ 20.4804, -17.3378,
6.9873

■ 47.1830, -25.8732,
10.9650

■ 13.3527, -13.9874,
5.5260

■ 57.5997, -28.3866,
12.2276

■ 6.9029, -12.0801,
4.8320

■ 68.6871, -30.8011,
13.4791

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.4066, -33.1385,
14.7257

0.0000, NaN, NaN

■ 92.7259, -35.4147,
15.9720

0.0000, NaN, NaN

■ 105.6171,

0.0000, NaN, NaN

-37.6418, 17.2213

0.0000, NaN, NaN

■ 119.0559,
-39.8289, 18.4758

■ 28.5569, -20.4090,
8.3636

■ 28.5569, -20.4090,
8.3636

■ 28.5574, -20.4096,
8.3642

■ 28.7251, -19.5924,
7.5594

■ 28.9206, -18.6605,
6.7357

■ 29.1813, -17.4660,
5.9358

■ 29.5124, -15.9974,
5.1715

■ 29.9173, -14.2528,
4.4528

■ 30.3981, -12.2377,
3.7887

■ 30.9557, -9.9636,
3.1863

■ 31.5902, -7.4466,
2.6513

■ 32.3008, -4.7062,
2.1875

Harmonies

Analogous

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



28.5575, -15.0038, 14.0154



28.5569, -20.4090, 8.3636



28.5575, -21.2536, -2.3661

Triad

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



28.5575, -20.4092, 8.3638



28.5575, 2.4376, -30.5835



28.5575, 19.0540, 12.4413

Complementary

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



28.5569, -20.4090, 8.3636



15.6114, 27.4371, 4.6342

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.



28.5575, 25.6402, 4.9876



28.5569, -20.4090, 8.3636



28.5575, 15.0355, -21.7507

Square

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



28.5575, -20.4092, 8.3638



28.5575, -9.3442, -28.4066



28.5575, 24.0570, -7.4994



28.5575, 7.2374, 15.5856

Rectangle

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



28.5569, -20.4090, 8.3636



28.5575, -19.2895, -11.7986



28.5575, 24.0570, -7.4994



28.5575, 22.0365, 10.5208

Sweetspot

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



28.5575, -20.4092, 8.3638



40.4232, -13.3183, 4.2363



28.5847, -21.4378, 17.2382



20.1347, -7.0979, 2.2284



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.



28.5575, -20.4092, 8.3638



37.3326, -26.8454, 11.2890



25.7221, -11.0871, -8.2159



16.1490, -2.1782, 1.0658



33.9530, -24.3663, 10.1616



79.3442, -57.6901, 25.3629

Inverse Universe

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



15.6114, 27.4371, 4.6342



20.3797, 35.7399, 6.6654



16.1248, 23.2657, 10.3429



15.3620, 0.5486, 0.6773



18.5431, 32.5424, 5.8836



43.2121, 75.4889, 16.3971

Previews

White Background



This preview shows how the HunterLab color 28.5569, -20.4090, 8.3636 looks on a white background.

Color Contrast Check

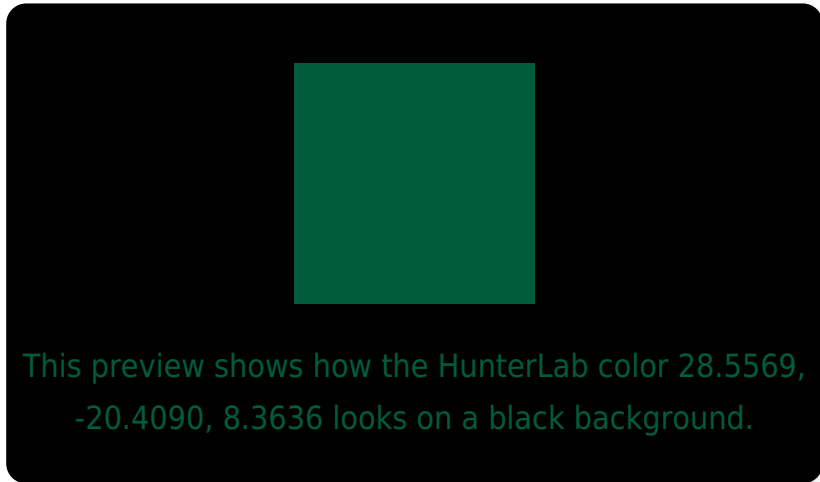
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5569, -20.4090, 8.3636 Background



This preview shows how black text looks on a background with the HunterLab color 28.5569, -20.4090, 8.3636.



This preview shows how white text looks on a background with the HunterLab color 28.5569,

-20.4090, 8.3636.

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

28.5569, -20.4090, 8.3636

Protanopia

28.6128, -2.8941, 10.0908

Deuteranopia

28.6332, 1.4215, 7.6248



Tritanopia

28.8316, -11.3838, -5.1904

Trichromacy



Original Color

28.5569, -20.4090, 8.3636

Protanomaly

27.5765, -12.2529, 8.4555

Deuteranomaly

27.3972, -9.8051, 6.5334

Tritanomaly

28.4540, -15.1235, 0.2161

Monochromacy



Original Color

28.5569, -20.4090, 8.3636

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

23.5231, -10.3451, 3.1860

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.5569, -20.4090, 8.3636 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, 93, 60)` looks like.

```
.text, #text, p{  
    color:rgb(0, 93, 60)  
}
```

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, 93, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 28.5569, -20.4090, 8.3636 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, 93, 60) }
```


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

```
.border{ border-color:rgb(0, 93, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 93, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 60); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 93, 60); box-shadow:4px  
4px 4px 4px rgb(0, 93, 60) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.5569, -20.4090, 8.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 93, 60) }
```

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

```
.background{ background-color: rgb(0, 93,  
60) }
```

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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