

Converting Colors

HunterLab(26.9939, -28.3470,
8.6778)

Have a look what the booklet for
HunterLab(26.9939, -28.3470,
8.6778) contains.

HunterLab(28.7445, -21.4560, 10.3892)	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(28.7445,
-21.4560, 10.3892)**

Conversions

Conversions Part 1

Format	Color
Hex	005E35
RGB	0, 94, 53
RGB Percent	0%, 37%, 21%
CMY	1.0000, 0.6314, 0.7922
CMYK	1.00, 0.00, 0.44, 0.63
HSL	154°, 100%, 18%
HSV	154°, 100%, 37%
XYZ	4.6453, 8.2625, 4.7182
YIQ	61.2200, -42.8630, -32.6790

Conversions

Conversions Part 2

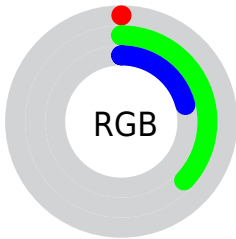
Format	Color
RYB	0, 60, 94
Decimal	24117
CIELab	34.52, -34.97, 16.86
CIELCh	35, 38.820, 154.255
Yxy	8.2628, 0.2636, 0.4688
Android (android.graphics.Color)	4278214197 (0xFF005E35)
YUV	61.2200, -4.0525, -53.6899
Hunter-Lab	28.7445, -21.4560, 10.3892

Details

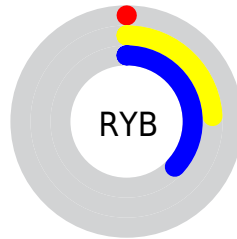
The HunterLab color $[28.7445, -21.4560, 10.3892]$ is a dark color, and the websafe version is hex 006633 . A complement of this color would be $[15.9372, 28.2967, 2.5104]$, and the grayscale version is $[21.7030, -1.1580, 1.1792]$.

A 20% lighter version of the original color is $[47.2908, -27.1210, 13.5498]$, and $[14.3274, -11.7943, 7.5525]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.7450, -21.4565, 10.3896]$, and if you desaturate by 10%, it is $[28.9185, -20.5991, 9.4953]$.

Distribution



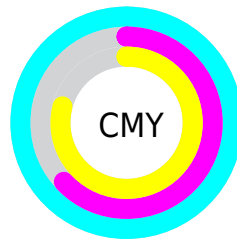
- Red (0%)
- Green (37%)
- Blue (21%)



- Red (0%)
- Yellow (24%)
- Blue (37%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (63%)



- Cyan (100%)
- Magenta (63%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7445, -21.4560, 10.3892 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 28.7445, -21.4560, 10.3892 by changing the saturation by 10% instead.

■ 28.7445, -21.4560,
10.3892

■ 28.7445, -21.4560,
10.3892

■ 133.3338,
-44.0797, 24.0075

■ 20.6484, -18.2105,
8.6331

■ 47.4047, -27.2154,
13.6279

■ 13.4984, -14.7000,
6.9369

■ 57.8367, -29.8577,
15.1670

■ 7.0772, -12.3851,
4.9540

■ 68.9383, -32.3919,
16.6745

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.6714, -34.8414,
18.1604

0.0000, NaN, NaN

■ 93.0036, -37.2234,
19.6319

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.9071,

-39.5508, 21.0944

0.0000, NaN, NaN

■ 119.3576,
-41.8336, 22.5519

■ 28.7445, -21.4560,
10.3892

■ 28.7445, -21.4560,
10.3892

■ 28.7450, -21.4565,
10.3896

■ 28.9185, -20.5991,
9.4953

■ 29.1227, -19.6115,
8.5557

■ 29.3950, -18.3448,
7.6120

■ 29.7405, -16.7886,
6.6769

■ 30.1627, -14.9418,
5.7620

■ 30.6635, -12.8116,
4.8779

■ 31.2440, -10.4111,
4.0343

■ 31.9038, -7.7584,
3.2390

■ 32.6421, -4.8750,
2.4985

Harmonies

Analogous

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



28.7451, -14.7913, 15.4445



28.7445, -21.4560, 10.3892



28.7451, -23.1937, -0.3376

Triad

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



28.7451, -21.4563, 10.3894



28.7451, 0.4254, -35.7991



28.7451, 23.3523, 12.3191

Complementary

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



28.7445, -21.4560, 10.3892



15.9372, 28.2967, 2.5104

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.



28.7451, 29.3694, 3.3452



28.7445, -21.4560, 10.3892



28.7451, 14.6664, -27.4209

Square

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



28.7451, -21.4563, 10.3894



28.7451, -12.0089, -30.9513



28.7451, 25.9290, -11.4318



28.7451, 10.6925, 16.1412

Rectangle

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



28.7445, -21.4560, 10.3892



28.7451, -21.6577, -10.6063



28.7451, 25.9290, -11.4318



28.7451, 26.3156, 10.0042

Sweetspot

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



28.7451, -21.4563, 10.3894



41.2667, -14.0876, 5.4400



29.1622, -20.6121, 17.6086



20.0942, -7.3324, 2.8098



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.



28.7451, -21.4563, 10.3894



38.0096, -28.5563, 14.1360



28.2901, -14.0599, -5.0085



16.1403, -2.2267, 1.1902



33.7970, -25.3275, 12.4316



78.9737, -59.9756, 30.7599

Inverse Universe

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



15.9372, 28.2967, 2.5104



21.0415, 37.2729, 3.9951



15.7539, 25.3138, 10.1504



15.3709, 0.5968, 0.5499



18.7205, 33.1917, 3.3195



43.6102, 76.9495, 10.6162

Previews

White Background



This preview shows how the HunterLab color 28.7445, -21.4560, 10.3892 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 28.7445, -21.4560, 10.3892 Background



This preview shows how black text looks on a background with the HunterLab color 28.7445, -21.4560, 10.3892.



This preview shows how white text looks on a background with the HunterLab color 28.7445,

-21.4560, 10.3892.

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

28.7445, -21.4560, 10.3892

Protanopia

28.6742, -2.8955, 11.8363

Deuteranopia

28.7847, 1.6716, 9.7931



Tritanopia

28.8905, -11.1591, -5.1038

Trichromacy



Original Color

28.7445, -21.4560, 10.3892

Protanomaly

27.8491, -12.9011, 10.5102

Deuteranomaly

27.6592, -10.5164, 8.8394

Tritanomaly

28.6913, -15.8682, 1.7183

Monochromacy



Original Color

28.7445, -21.4560, 10.3892

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

23.4562, -10.7381, 4.1473

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7445, -21.4560, 10.3892 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, 94, 53)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 53)  
}
```

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, 94, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7445, -21.4560, 10.3892 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, 94, 53) }
```


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

```
.border{ border-color:rgb(0, 94, 53) }
```

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

Here you see how a box with a 4 pixel rgb(0, 94, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 53); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 94, 53); box-shadow:4px  
4px 4px 4px rgb(0, 94, 53) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.7445, -21.4560, 10.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 53) }
```

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

```
.background{ background-color: rgb(0, 94,  
53) }
```

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