

Converting Colors

HunterLab(29.0815, -21.4847,
17.4333)

Have a look what the booklet for
HunterLab(29.0815, -21.4847,
17.4333) contains.

HunterLab(28.9881, -21.3163, 17.3717)	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(28.9881,
-21.3163, 17.3717)**

Conversions

Conversions Part 1

Format	Color
Hex	255E02
RGB	37, 94, 2
RGB Percent	15%, 37%, 1%
CMY	0.8549, 0.6314, 0.9921
CMYK	0.61, 0.00, 0.98, 0.63
HSL	97°, 96%, 19%
HSV	97°, 98%, 37%
XYZ	4.7766, 8.4031, 1.4276
YIQ	66.4690, -4.4400, -40.6960

Conversions

Conversions Part 2

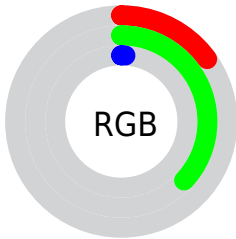
Format	Color
RYB	2, 94, 59
Decimal	2448898
CIELab	34.81, -34.49, 40.44
CIElCh	35, 53.149, 130.459
Yxy	8.4035, 0.3270, 0.5753
Android (android.graphics.Color)	4280638978 (0xFF255E02)
YUV	66.4690, -31.7832, -25.8443
Hunter-Lab	28.9881, -21.3163, 17.3717

Details

The HunterLab color **28.9881, -21.3163, 17.3717** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **13.3480, 28.0758, -38.3233**, and the grayscale version is **23.6148, -1.2600, 1.2830**.

A 20% lighter version of the original color is **47.6654, -26.9405, 24.0846**, and **14.2584, -12.2266, 8.5719** is the 20% darker color. If you saturate the color by 10%, you get **28.9422, -21.5259, 17.4572**, and if you desaturate by 10%, it is **29.2244, -20.2700, 16.9856**.

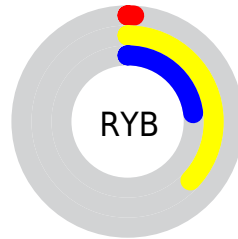
Distribution



Red (15%)

Green (37%)

Blue (1%)



Red (1%)

Yellow (37%)

Blue (23%)

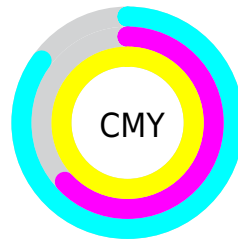


Cyan (61%)

Magenta (0%)

Yellow (98%)

Black (63%)



Cyan (85%)

Magenta (63%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9881, -21.3163, 17.3717 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 28.9881, -21.3163, 17.3717 by changing the saturation by 10% instead.

■ 28.9881, -21.3163,
17.3717

■ 28.9881, -21.3163,
17.3717

■ 133.7397,
-43.6677, 43.6366

■ 20.8667, -18.1223,
14.1427

■ 47.6924, -26.9945,
24.1759

■ 13.6879, -14.6122,
9.5815

■ 58.1441, -29.6028,
27.2805

■ 7.2968, -12.7694,
5.1077

■ 69.2643, -32.1060,
30.2394

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.0148, -34.5270,
33.0806

0.0000, NaN, NaN

■ 93.3637, -36.8823,
35.8258

0.0000, NaN, NaN


■ 106.2831,


0.0000, NaN, NaN


-39.1848, 38.4917


0.0000, NaN, NaN


 119.7489,
-41.4440, 41.0918


 28.9881, -21.3163,
17.3717


 28.9881, -21.3163,
17.3717


 28.9422, -21.5259,
17.4572

 29.2244, -20.2700,
16.9856

 29.5016, -19.0387,
16.4386

 29.8295, -17.5740,
15.6044

 30.2096, -15.8743,
14.4660

 30.6432, -13.9428,
13.0148

■ 31.1304, -11.7866,
11.2487

■ 31.6714, -9.4157,
9.1712

■ 32.2656, -6.8424,
6.7901

■ 32.9122, -4.0807,
4.1171

Harmonies

Analogous

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



28.9887, -7.7666, 19.1839



28.9881, -21.3163, 17.3717



28.9887, -28.1638, 10.8153

Triad

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



28.9887, -21.3168, 17.3718



28.9887, -12.5790, -52.3746



28.9887, 42.7356, 7.1055

Complementary

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



28.9881, -21.3163, 17.3717



13.3480, 28.0758, -38.3233

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.



28.9887, 40.5024, -12.2833



28.9881, -21.3163, 17.3717



28.9887, 5.2427, -55.8777

Square

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



28.9887, -21.3168, 17.3718



28.9887, -24.0716, -30.3695



28.9887, 25.5385, -38.1436



28.9887, 31.0363, 16.1212

Rectangle

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



28.9881, -21.3163, 17.3717



28.9887, -29.3679, 1.3034



28.9887, 25.5385, -38.1436



28.9887, 43.6497, 1.8498

Sweetspot

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



28.9887, -21.3168, 17.3718



41.7572, -13.1190, 12.7273



23.4202, 6.0989, 14.3925



20.3402, -6.8613, 6.6188



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.



28.9887, -21.3168, 17.3718



38.2249, -28.7845, 23.0501



28.3674, -23.8506, 16.2849



16.1965, -2.1430, 2.1590



34.0039, -25.4839, 20.5069



79.2714, -60.8938, 47.7806

Inverse Universe

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



13.3480, 28.0758, -38.3233



17.1611, 37.6345, -52.8296



17.4699, 32.8764, -16.6184



15.3061, 0.5059, -0.5320



15.3133, 33.5262, -46.7074



35.1008, 77.5552, -112.5424

Previews

White Background



This preview shows how the HunterLab color 28.9881, -21.3163, 17.3717 looks on a white background.

Color Contrast Check

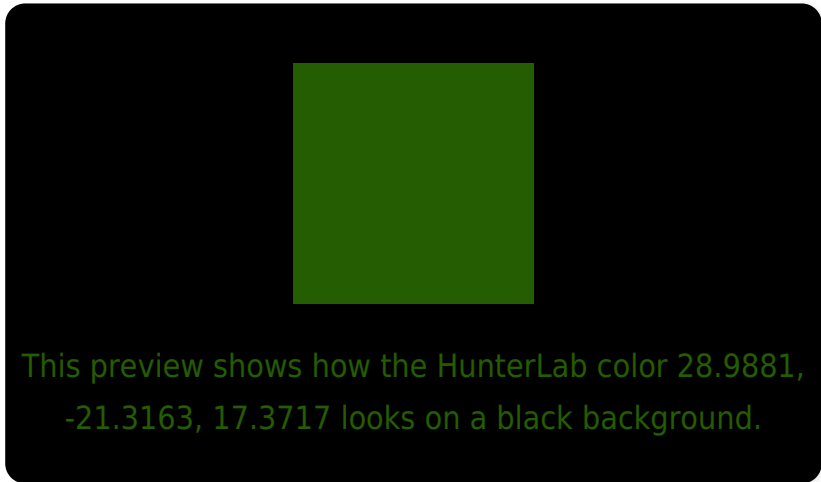
Large Text (above 18pt) WCAG AA ✓ Pass

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

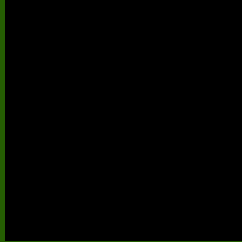
Any Text WCAG AA × Fail

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 28.9881, -21.3163, 17.3717 Background



This preview shows how black text looks on a background with the HunterLab color 28.9881, -21.3163, 17.3717.



This preview shows how white text looks on a background with the HunterLab color 28.9881, -21.3163, 17.3717.

-21.3163, 17.3717.

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

28.9881, -21.3163, 17.3717

Protanopia

28.8269, -4.4338, 17.6854

Deuteranopia

28.9532, 1.3914, 16.5099



Tritanopia

28.9043, -8.3125, -4.0569

Trichromacy



Original Color

28.9881, -21.3163, 17.3717

Protanomaly

28.3469, -11.7890, 17.2008

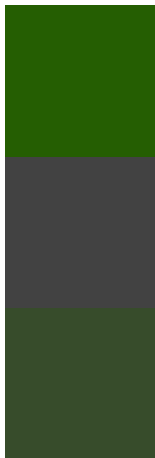
Deuteranomaly

28.3407, -8.8622, 16.5117

Tritanomaly

28.7291, -15.0422, 8.3281

Monochromacy



Original Color

28.9881, -21.3163, 17.3717

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.8103, -10.3515, 9.6451

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.9881, -21.3163, 17.3717 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, 94, 2)` looks like.

```
.text, #text, p{  
    color:rgb(37, 94, 2)  
}
```

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, 94, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 94, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 28.9881, -21.3163, 17.3717 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, 94, 2) }
```


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

```
.border{ border-color:rgb(37, 94, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 94, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 94, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(37, 94, 2); box-shadow:4px  
4px 4px 4px rgb(37, 94, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.9881, -21.3163, 17.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 94, 2) }
```

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

```
.background{ background-color: rgb(37, 94,  
2) }
```

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