

Converting Colors

HunterLab(28.4272, -21.2604,
10.3636)

Have a look what the booklet for
HunterLab(28.4272, -21.2604,
10.3636) contains.

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Color

**HunterLab(28.4194,
-21.2552, 10.3620)**

Conversions

Conversions Part 1

Format	Color
Hex	005D34
RGB	0, 93, 52
RGB Percent	0%, 36%, 20%
CMY	1.0000, 0.6353, 0.7961
CMYK	1.00, 0.00, 0.44, 0.64
HSL	154°, 100%, 18%
HSV	154°, 100%, 36%
XYZ	4.5342, 8.0766, 4.5688
YIQ	60.5190, -42.2670, -32.4670

Conversions

Conversions Part 2

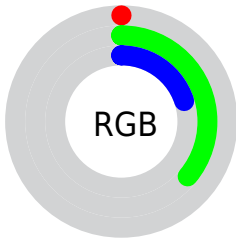
Format	Color
RYB	0, 60, 93
Decimal	23860
CIELab	34.14, -34.79, 16.95
CIELCh	34, 38.702, 154.020
Yxy	8.0769, 0.2639, 0.4701
Android (android.graphics.Color)	4278213940 (0xFF005D34)
YUV	60.5190, -4.1999, -53.0752
Hunter-Lab	28.4194, -21.2552, 10.3620

Details

The HunterLab color **28.4194, -21.2552, 10.3620** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **15.7715, 28.0237, 2.3217**, and the grayscale version is **21.4611, -1.1451, 1.1660**.

A 20% lighter version of the original color is **46.9475, -26.8748, 13.5506**, and **14.0333, -11.6433, 7.5941** is the 20% darker color. If you saturate the color by 10%, you get **28.4199, -21.2556, 10.3624**, and if you desaturate by 10%, it is **28.5929, -20.4016, 9.4766**.

Distribution



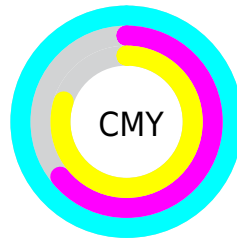
- Red (0%)
- Green (36%)
- Blue (20%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.4194, -21.2552, 10.3620 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 28.4194, -21.2552, 10.3620 by changing the saturation by 10% instead.

■ 28.4194, -21.2552,
10.3620

■ 28.4194, -21.2552,
10.3620

132.7909,
-43.8204, 24.0361

■ 20.3574, -18.0128,
8.5931

■ 47.0204, -27.0034,
13.6193

■ 13.2460, -14.5719,
6.9469

■ 57.4260, -29.6391,
15.1656

■ 6.7721, -11.8512,
4.7405

■ 68.5028, -32.1665,
16.6794

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.2124, -34.6092,
18.1709

0.0000, NaN, NaN

■ 92.5222, -36.9843,
19.6475


0.0000, NaN, NaN


■ 105.4044,


0.0000, NaN, NaN


-39.3049, 21.1146


0.0000, NaN, NaN


 118.8344,
-41.5810, 22.5764


 28.4194, -21.2552,
10.3620


 28.4194, -21.2552,
10.3620


 28.4199, -21.2556,
10.3624

 28.5929, -20.4016,
9.4766

 28.7956, -19.4208,
8.5440

 29.0656, -18.1642,
7.6058

 29.4081, -16.6211,
6.6743

 29.8262, -14.7909,
5.7613

■ 30.3221, -12.6807,
4.8772

■ 30.8965, -10.3035,
4.0316

■ 31.5494, -7.6773,
3.2324

■ 32.2797, -4.8233,
2.4861

Harmonies

Analogous

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



28.4200, -14.6064, 15.3290



28.4194, -21.2552, 10.3620



28.4200, -23.0156, -0.2354

Triad

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



28.4200, -21.2555, 10.3622



28.4200, 0.3210, -35.6421



28.4200, 23.2944, 12.1681

Complementary

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



28.4194, -21.2552, 10.3620



15.7715, 28.0237, 2.3217

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.



28.4200, 29.2103, 3.2209



28.4194, -21.2552, 10.3620



28.4200, 14.4742, -27.3901

Square

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



28.4200, -21.2555, 10.3622



28.4200, -11.9975, -30.7124



28.4200, 25.7158, -11.5014



28.4200, 10.7417, 15.9789

Rectangle

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



28.4194, -21.2552, 10.3620



28.4200, -21.5181, -10.4217



28.4200, 25.7158, -11.5014



28.4200, 26.2214, 9.8602

Sweetspot

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



28.4200, -21.2555, 10.3622



40.3439, -13.7749, 5.3720



28.8411, -20.3727, 17.4150



20.0919, -7.3457, 2.8427



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.



28.4200, -21.2555, 10.3622



37.1514, -27.9618, 13.9255



27.9780, -13.9062, -4.9503



16.1398, -2.2295, 1.1973



33.7887, -25.3787, 12.5525



78.9542, -60.0962, 31.0446

Inverse Universe

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



15.7715, 28.0237, 2.3217



20.5862, 36.4958, 3.6796



15.5828, 25.0205, 10.0399



15.3714, 0.5996, 0.5425



18.7318, 33.2332, 3.1561



43.6361, 77.0443, 10.2418

Previews

White Background



This preview shows how the HunterLab color 28.4194, -21.2552, 10.3620 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



This preview shows how the HunterLab color 28.4194, -21.2552, 10.3620 looks on a 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 28.4194, -21.2552, 10.3620 Background



This preview shows how black text looks on a background with the HunterLab color 28.4194, -21.2552, 10.3620.



This preview shows how white text looks on a background with the HunterLab color 28.4194,

-21.2552, 10.3620.

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

28.4194, -21.2552, 10.3620

Protanopia

28.3148, -2.8609, 11.7660

Deuteranopia

28.4255, 1.6950, 9.7415



Tritanopia

28.5710, -10.9615, -5.0535

Trichromacy



Original Color

28.4194, -21.2552, 10.3620

Protanomaly

27.4946, -12.8384, 10.4513

Deuteranomaly

27.3028, -10.4668, 8.7917

Tritanomaly

28.3680, -15.6760, 1.7455

Monochromacy



Original Color

28.4194, -21.2552, 10.3620

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 28.4194, -21.2552, 10.3620 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, 52)` looks like.

```
.text, #text, p{  
    color:rgb(0, 93, 52)  
}
```

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, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 28.4194, -21.2552, 10.3620 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, 52) }
```


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

```
.border{ border-color:rgb(0, 93, 52) }
```

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, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 52); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 93, 52); box-shadow:4px  
4px 4px 4px rgb(0, 93, 52) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.4194, -21.2552, 10.3620 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, 52) }
```

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

```
.background{ background-color: rgb(0, 93,  
52) }
```

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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