

Converting Colors

HunterLab(28.5776, -20.6079,
15.9106)

Have a look what the booklet for
HunterLab(28.5776, -20.6079,
15.9106) contains.

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Color

**HunterLab(28.6994,
-20.7816, 15.9533)**

Conversions

Conversions Part 1

Format	Color
Hex	235D14
RGB	35, 93, 20
RGB Percent	14%, 36%, 8%
CMY	0.8627, 0.6353, 0.9216
CMYK	0.62, 0.00, 0.78, 0.64
HSL	108°, 65%, 22%
HSV	108°, 78%, 36%
XYZ	4.7338, 8.2366, 2.0022
YIQ	67.3360, -11.1350, -34.9990

Conversions

Conversions Part 2

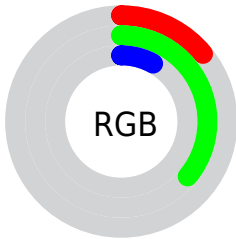
Format	Color
RYB	20, 93, 78
Decimal	2317588
CIELab	34.47, -33.59, 34.23
CIELCh	34, 47.955, 134.456
Yxy	8.2369, 0.3162, 0.5501
Android (android.graphics.Color)	4280507668 (0xFF235D14)
YUV	67.3360, -23.3366, -28.3587
Hunter-Lab	28.6994, -20.7816, 15.9533

Details

The HunterLab color $[28.6994, -20.7816, 15.9533]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[17.0608, 26.3111, -25.0173]$, and the grayscale version is $[23.8921, -1.2748, 1.2981]$.

A 20% lighter version of the original color is $[47.3182, -26.4213, 21.8422]$, and $[13.9785, -11.9866, 8.4037]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.4499, -21.9203, 16.5057]$, and if you desaturate by 10%, it is $[29.0168, -19.3391, 15.1259]$.

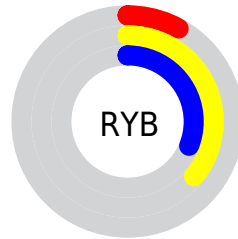
Distribution



Red (14%)

Green (36%)

Blue (8%)



Red (8%)

Yellow (36%)

Blue (31%)

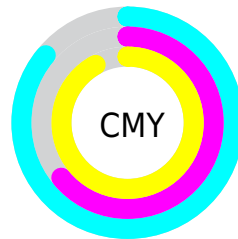


Cyan (62%)

Magenta (0%)

Yellow (78%)

Black (64%)



Cyan (86%)

Magenta (64%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6994, -20.7816, 15.9533 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 28.6994, -20.7816, 15.9533 by changing the saturation by 10% instead.

■ 28.6994, -20.7816,
15.9533

■ 28.6994, -20.7816,
15.9533

133.2586,
-42.6917, 38.8163

■ 20.6080, -17.6565,
12.8239

■ 47.3514, -26.3390,
21.8177

■ 13.4634, -14.2424,
9.4243

■ 57.7798, -28.8936,
24.5014

■ 7.0358, -12.3126,
4.9250

■ 68.8780, -31.3463,
27.0678

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.6078, -33.7197,
29.5414

0.0000, NaN, NaN

■ 92.9369, -36.0300,
31.9404


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 105.8374,


-38.2894, 34.2789


0.0000, NaN, NaN


 119.2851,
-40.5075, 36.5680


 28.6994, -20.7816,
15.9533


 28.6994, -20.7816,
15.9533


 28.4499, -21.9203,
16.5057


 29.0168, -19.3391,
15.1259


 28.2545, -22.8155,
16.9263

 29.4031, -17.5882,
14.0087

 28.2287, -22.9359,
16.9928

 29.8605, -15.5341,
12.5963

 30.3897, -13.1878,
10.8908

 30.9905, -10.5655,
8.9004

■ 31.6622, -7.6869,
6.6384

■ 32.4033, -4.5745,
4.1212

■ 33.2120, -1.2515,
1.3679

■ 34.0860, 2.2582,
-1.6012

Harmonies

Analogous

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



28.7000, -9.1371, 18.2128



28.6994, -20.7816, 15.9533



28.7000, -26.4332, 8.6179

Triad

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



28.7000, -20.7821, 15.9534



28.7000, -9.6618, -46.3887



28.7000, 36.7762, 8.2052

Complementary

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



28.6994, -20.7816, 15.9533



17.0608, 26.3111, -25.0173

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.



28.7000, 36.5436, -7.9177



28.6994, -20.7816, 15.9533



28.7000, 6.9560, -46.7418

Square

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



28.7000, -20.7821, 15.9534



28.7000, -21.0899, -29.2355



28.7000, 24.6794, -30.0291



28.7000, 25.2566, 15.8003

Rectangle

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



28.6994, -20.7816, 15.9533



28.7000, -27.0971, -0.9212



28.7000, 24.6794, -30.0291



28.7000, 38.1412, 3.8418

Sweetspot

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



28.7000, -20.7821, 15.9534



40.8593, -12.4408, 10.5692



27.7697, -1.6247, 15.6697



20.3551, -6.6771, 5.6413



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.



28.7000, -20.7821, 15.9534



37.0051, -29.6276, 21.9528



28.5232, -21.1418, 12.9045



16.1433, -2.3326, 2.0972



33.5456, -27.4123, 20.1908



78.2951, -65.0176, 47.1069

Inverse Universe

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



17.0608, 26.3111, -25.0173



20.0843, 39.1309, -39.2544



18.1652, 26.6269, -8.5299



15.3649, 0.7049, -0.4542



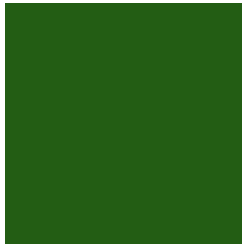
17.7493, 36.6959, -37.3647



41.0723, 85.2455, -89.0234

Previews

White Background



This preview shows how the HunterLab color 28.6994, -20.7816, 15.9533 looks on a white background.

Color Contrast Check

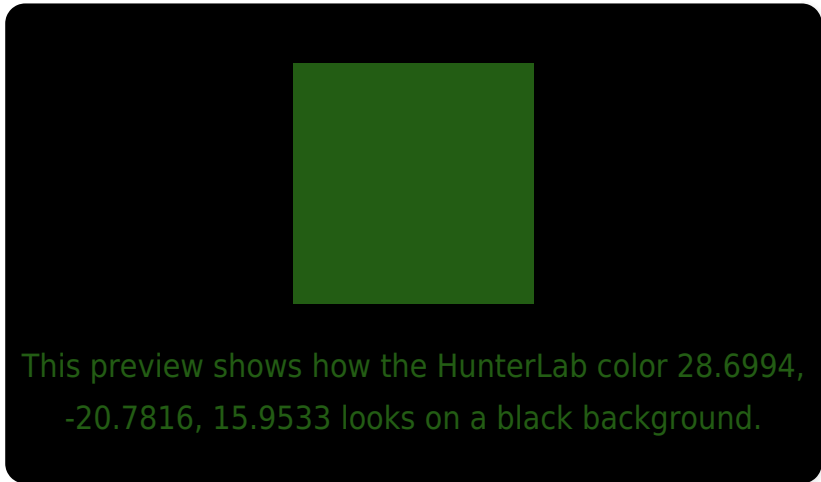
Large Text (above 18pt) WCAG AA ✓ Pass

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

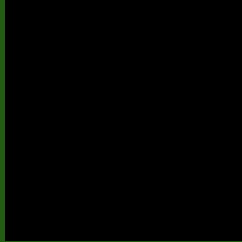
Any Text WCAG AA × Fail

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 28.6994, -20.7816, 15.9533 Background



This preview shows how black text looks on a background with the HunterLab color 28.6994, -20.7816, 15.9533.



This preview shows how white text looks on a background with the HunterLab color 28.6994,

-20.7816, 15.9533.

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

28.6994, -20.7816, 15.9533

Protanopia

28.5473, -3.9498, 16.4201

Deuteranopia

28.5545, 1.4054, 15.4667



Tritanopia

28.8143, -8.6473, -4.1861

Trichromacy



Original Color

28.6994, -20.7816, 15.9533

Protanomaly

28.0718, -11.2519, 15.8921

Deuteranomaly

27.9826, -8.6627, 15.2601

Tritanomaly

28.4744, -14.3006, 6.2384

Monochromacy



Original Color

28.6994, -20.7816, 15.9533

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.9227, -9.6968, 8.0087

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6994, -20.7816, 15.9533 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(35, 93, 20)` looks like.

```
.text, #text, p{  
    color:rgb(35, 93, 20)  
}
```

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(35, 93, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 93, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6994, -20.7816, 15.9533 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(35, 93, 20) }
```


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

```
.border{ border-color:rgb(35, 93, 20) }
```

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

Here you see how a box with a 4 pixel rgb(35, 93, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 93, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 93, 20);  
box-shadow:4px 4px 4px 4px rgb(35, 93, 20)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.6994, -20.7816, 15.9533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 93, 20) }
```

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

```
.background{ background-color: rgb(35, 93,  
20) }
```

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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