

Converting Colors

HunterLab(28.3358, -22.3623,
15.7803)

Have a look what the booklet for
HunterLab(28.3358, -22.3623,
15.7803) contains.

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Color

**HunterLab(28.3274,
-22.3489, 15.7745)**

Conversions

Conversions Part 1

Format	Color
Hex	145D13
RGB	20, 93, 19
RGB Percent	8%, 36%, 7%
CMY	0.9216, 0.6353, 0.9255
CMYK	0.78, 0.00, 0.80, 0.64
HSL	119°, 66%, 22%
HSV	119°, 80%, 36%
XYZ	4.3204, 8.0244, 1.9372
YIQ	62.7370, -19.7540, -38.4900

Conversions

Conversions Part 2

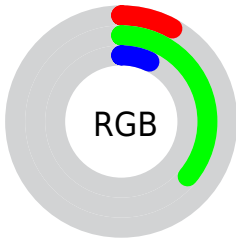
Format	Color
R_{YB}	19, 93, 92
Decimal	1334547
CIE Lab	34.03, -37.22, 34.05
CIE LCh	34, 50.447, 137.545
Yxy	8.0248, 0.3025, 0.5619
Android (android.graphics.Color)	4279524627 (0xFF145D13)
YUV	62.7370, -21.5623, -37.4803
Hunter-Lab	28.3274, -22.3489, 15.7745

Details

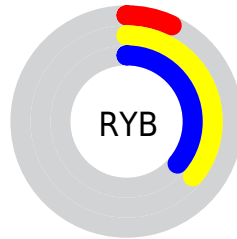
The HunterLab color $[28.3274, -22.3489, 15.7745]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[18.7927, 30.0181, -20.5681]$, and the grayscale version is $[22.2816, -1.1889, 1.2106]$.

A 20% lighter version of the original color is $[46.8290, -28.4074, 21.6353]$, and $[13.9785, -11.9866, 8.4037]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.1429, -23.2239, 16.3480]$, and if you desaturate by 10%, it is $[28.5973, -21.0869, 14.9351]$.

Distribution



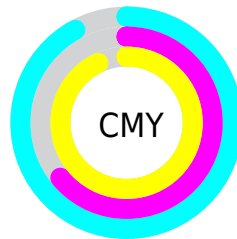
- Red (8%)
- Green (36%)
- Blue (7%)



- Red (7%)
- Yellow (36%)
- Blue (36%)



- Cyan (78%)
- Magenta (0%)
- Yellow (80%)
- Black (64%)



- Cyan (92%)
- Magenta (64%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3274, -22.3489, 15.7745 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 28.3274, -22.3489, 15.7745 by changing the saturation by 10% instead.

■ 28.3274, -22.3489,
15.7745

■ 28.3274, -22.3489,
15.7745

132.6371,
-46.1993, 38.5803

■ 20.2751, -18.8857,
12.6825

■ 46.9116, -28.4649,
21.6289

■ 13.1747, -15.3585,
9.2223

■ 57.3097, -31.2592,
24.3063

■ 6.6830, -11.6953,
4.6781

■ 68.3794, -33.9331,
26.8661

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.0824, -36.5124,
29.3327

0.0000, NaN, NaN

■ 92.3859, -39.0159,
31.7248

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 105.2620,


-41.4580, 34.0565


0.0000, NaN, NaN


 118.6862,
-43.8496, 36.3387


 28.3274, -22.3489,
15.7745


 28.3274, -22.3489,
15.7745


 28.1429, -23.2239,
16.3480


 28.5973, -21.0869,
14.9351


 28.0010, -23.9018,
16.8112

 28.9571, -19.4204,
13.8171

 27.9948, -23.9312,
16.8313

 29.4114, -17.3482,
12.4188

 29.9626, -14.8816,
10.7472

 30.6111, -12.0420,
8.8165

■ 31.3562, -8.8583,
6.6464

■ 32.1961, -5.3647,
4.2601

■ 33.1277, -1.5974,
1.6826

■ 34.1478, 2.4068,
-1.0609

Harmonies

Analogous

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



28.3280, -10.9800, 18.2815



28.3274, -22.3489, 15.7745



28.3280, -27.4964, 7.6254

Triad

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



28.3280, -22.3493, 15.7746



28.3280, -8.4261, -51.0804



28.3280, 38.3500, 9.6088

Complementary

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



28.3274, -22.3489, 15.7745



18.7927, 30.0181, -20.5681

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.



28.3280, 39.5148, -6.2868



28.3274, -22.3489, 15.7745



28.3280, 9.3879, -49.2758

Square

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



28.3280, -22.3493, 15.7746



28.3280, -20.8734, -33.8114



28.3280, 27.9124, -29.7879



28.3280, 25.0365, 16.4689

Rectangle

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



28.3274, -22.3489, 15.7745



28.3280, -27.7938, -3.0025



28.3280, 27.9124, -29.7879



28.3280, 40.2740, 5.4395

Sweetspot

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



28.3280, -22.3493, 15.7746



40.4994, -13.7895, 10.1959



31.6046, -7.6450, 18.1848



20.1626, -7.4035, 5.4452



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.



28.3280, -22.3493, 15.7746



36.6860, -30.9901, 21.7851



28.7073, -19.9741, 9.9345



16.0859, -2.5378, 2.0304



33.2957, -28.4774, 20.0181



77.8947, -66.7266, 46.8302

Inverse Universe

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



18.7927, 30.0181, -20.5681



23.1433, 44.0325, -30.3688



17.5808, 24.9916, -1.8877



15.4304, 0.9258, -0.3678



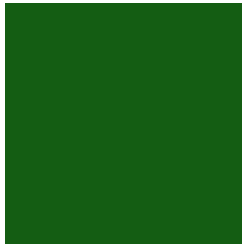
20.7775, 40.9637, -28.2906



48.5874, 95.8095, -66.2930

Previews

White Background



This preview shows how the HunterLab color 28.3274, -22.3489, 15.7745 looks on a white background.

Color Contrast Check

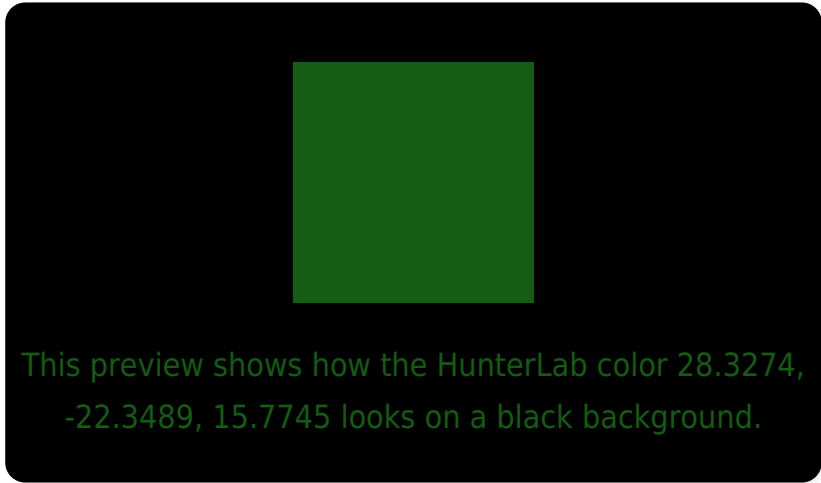
Large Text (above 18pt) WCAG AA ✓ Pass

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

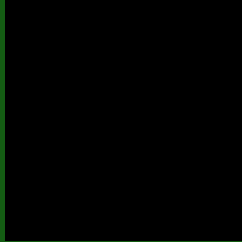
Any Text WCAG AA × Fail

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 28.3274, -22.3489, 15.7745 Background



This preview shows how black text looks on a background with the HunterLab color 28.3274, -22.3489, 15.7745.



This preview shows how white text looks on a background with the HunterLab color 28.3274, -22.3489, 15.7745.

-22.3489, 15.7745.

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

28.3274, -22.3489, 15.7745

Protanopia

28.1929, -3.8869, 16.2734

Deuteranopia

28.2088, 1.4965, 15.2289



Tritanopia

28.4900, -9.8630, -4.6553

Trichromacy



Original Color

28.3274, -22.3489, 15.7745

Protanomaly

27.6790, -12.7780, 15.6960

Deuteranomaly

27.2766, -9.9048, 14.7559

Tritanomaly

28.0893, -15.8245, 5.8229

Monochromacy



Original Color

28.3274, -22.3489, 15.7745

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

23.8896, -10.9169, 7.8551

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3274, -22.3489, 15.7745 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(20, 93, 19)` looks like.

```
.text, #text, p{  
    color:rgb(20, 93, 19)  
}
```

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(20, 93, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 93, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3274, -22.3489, 15.7745 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(20, 93, 19) }
```


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

```
.border{ border-color:rgb(20, 93, 19) }
```

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

Here you see how a box with a 4 pixel rgb(20, 93, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 93, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 93, 19);  
box-shadow:4px 4px 4px 4px rgb(20, 93, 19)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.3274, -22.3489, 15.7745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 93, 19) }
```

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

```
.background{ background-color: rgb(20, 93,  
19) }
```

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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