

Converting Colors

HunterLab(33.3319, -27.1766,
19.5000)

Have a look what the booklet for
HunterLab(33.3319, -27.1766,
19.5000) contains.

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Color

**HunterLab(33.3319,
-27.1766, 19.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	146D0B
RGB	20, 109, 11
RGB Percent	8%, 43%, 4%
CMY	0.9216, 0.5725, 0.9568
CMYK	0.82, 0.00, 0.90, 0.57
HSL	114°, 82%, 24%
HSV	114°, 90%, 43%
XYZ	5.8175, 11.1102, 2.1545
YIQ	71.2170, -21.5860, -49.3460

Conversions

Conversions Part 2

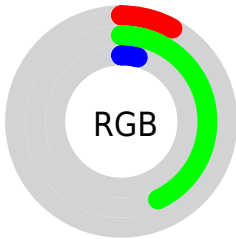
Format	Color
RYB	11, 109, 100
Decimal	1338635
CIELab	39.77, -43.32, 42.05
CIELCh	40, 60.374, 135.852
Yxy	11.1106, 0.3049, 0.5822
Android (android.graphics.Color)	4279528715 (0xFF146D0B)
YUV	71.2170, -29.6870, -44.9173
Hunter-Lab	33.3319, -27.1766, 19.5000

Details

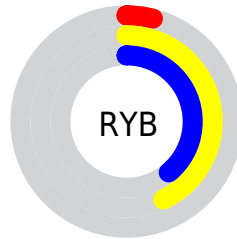
The HunterLab color **33.3319, -27.1766, 19.5000** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **20.1331, 36.9058, -29.5564**, and the grayscale version is **25.2868, -1.3492, 1.3739**.

A 20% lighter version of the original color is **52.9303, -34.1036, 26.4164**, and **17.9770, -15.4153, 10.8075** is the 20% darker color. If you saturate the color by 10%, you get **33.1710, -27.9366, 19.9453**, and if you desaturate by 10%, it is **33.5705, -26.0730, 18.8973**.

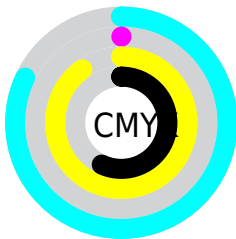
Distribution



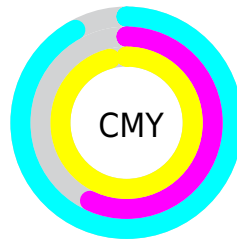
- Red (8%)
- Green (43%)
- Blue (4%)



- Red (4%)
- Yellow (43%)
- Blue (39%)



- Cyan (82%)
- Magenta (0%)
- Yellow (90%)
- Black (57%)



- Cyan (92%)
- Magenta (57%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.3319, -27.1766, 19.5000 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 33.3319, -27.1766, 19.5000 by changing the saturation by 10% instead.

■ 33.3319, -27.1766,
19.5000

■ 33.3319, -27.1766,
19.5000

140.8634,
-53.6279, 46.1029

■ 24.7816, -23.3855,
15.7966

■ 52.7869, -33.9408,
26.3258

■ 17.1207, -19.1650,
11.9845

■ 63.5751, -37.0448,
29.4613

■ 10.4686, -18.3200,
7.3280

■ 75.0121, -40.0172,
32.4592

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.0629, -42.8843,
35.3447

0.0000, NaN, NaN

■ 99.6978, -45.6655,
38.1378


0.0000, NaN, NaN


■ 112.8908,


0.0000, NaN, NaN


-48.3758, 40.8539


0.0000, NaN, NaN


 126.6194,
-51.0268, 43.5056


 33.3319, -27.1766,
19.5000


 33.3319, -27.1766,
19.5000


 33.1710, -27.9366,
19.9453


 33.5705, -26.0730,
18.8973

 33.1697, -27.9428,
19.9498

 33.9021, -24.5368,
17.9692

 34.3335, -22.5540,
16.6961

 34.8684, -20.1249,
15.0711

 35.5089, -17.2626,
13.0987

■ 36.2555, -13.9903,
10.7922

■ 37.1073, -10.3387,
8.1718

■ 38.0622, -6.3437,
5.2627

■ 39.1173, -2.0436,
2.0928

Harmonies

Analogous

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



33.3326, -12.6399, 22.0290



33.3319, -27.1766, 19.5000



33.3326, -33.8537, 10.2795

Triad

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



33.3326, -27.1771, 19.5001



33.3326, -11.5695, -66.2827



33.3326, 49.9137, 11.0964

Complementary

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



33.3319, -27.1766, 19.5000



20.1331, 36.9058, -29.5564

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.



33.3326, 50.4202, -9.6921



33.3319, -27.1766, 19.5000



33.3326, 10.6764, -65.4773

Square

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



33.3326, -27.1771, 19.5001



33.3326, -26.5709, -42.3457



33.3326, 34.6378, -40.5680



33.3326, 33.3949, 19.7637

Rectangle

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



33.3319, -27.1766, 19.5000



33.3326, -34.4611, -2.5890



33.3326, 34.6378, -40.5680



33.3326, 52.0840, 5.6886

Sweetspot

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



33.3326, -27.1771, 19.5001



48.7482, -17.7094, 13.7204



34.9823, -5.8641, 20.9164



23.3885, -9.0944, 7.0117



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.3326, -27.1771, 19.5001



44.3523, -37.5316, 26.6726



33.5276, -25.7332, 14.8317



18.5926, -2.8961, 2.4214



35.8639, -30.2548, 21.5695



80.8454, -68.7656, 48.6127

Inverse Universe

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



20.1331, 36.9058, -29.5564



25.8820, 51.9624, -42.4898



19.8256, 33.0654, -4.4361



17.7496, 1.0342, -0.5183



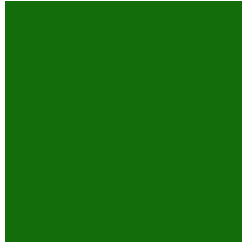
20.9486, 42.0396, -34.2500



47.0770, 94.5983, -77.9307

Previews

White Background



This preview shows how the HunterLab color 33.3319, -27.1766, 19.5000 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 × Fail

Black Background



This preview shows how the HunterLab color 33.3319, -27.1766, 19.5000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 33.3319, -27.1766, 19.5000 Background



This preview shows how black text looks on a background with the HunterLab color 33.3319, -27.1766, 19.5000.



This preview shows how white text looks on a background with the HunterLab color 33.3319,

-27.1766, 19.5000.

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

33.3319, -27.1766, 19.5000

Protanopia

33.1859, -5.1515, 20.2562

Deuteranopia

33.1681, 1.6652, 18.7202



Tritanopia

33.2958, -11.4403, -5.9522

Trichromacy



Original Color

33.3319, -27.1766, 19.5000

Protanomaly

32.2343, -15.9121, 19.3199

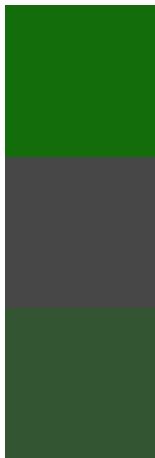
Deuteranomaly

31.9589, -12.3745, 18.1601

Tritanomaly

32.8742, -19.5990, 8.2294

Monochromacy



Original Color

33.3319, -27.1766, 19.5000

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

27.2925, -13.6280, 10.2666

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3319, -27.1766, 19.5000 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, 109, 11)` looks like.

```
.text, #text, p{  
    color:rgb(20, 109, 11)  
}
```

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, 109, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 109, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3319, -27.1766, 19.5000 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, 109, 11) }
```


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

```
.border{ border-color:rgb(20, 109, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 109, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 109, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 109, 11);  
box-shadow:4px 4px 4px 4px rgb(20, 109,  
11) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.3319, -27.1766, 19.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 109, 11) }
```

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

```
.background{ background-color: rgb(20, 109,  
11) }
```

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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