

Converting Colors

HunterLab(33.3472, -19.3564,
8.3054)

Have a look what the booklet for
HunterLab(33.3472, -19.3564,
8.3054) contains.

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Color

**HunterLab(33.3218,
-19.3343, 8.3500)**

Conversions

Conversions Part 1

Format	Color
Hex	2A694B
RGB	42, 105, 75
RGB Percent	16%, 41%, 29%
CMY	0.8353, 0.5882, 0.7059
CMYK	0.60, 0.00, 0.29, 0.59
HSL	151°, 43%, 29%
HSV	151°, 60%, 41%
XYZ	7.2764, 11.1034, 8.4163
YIQ	82.7430, -27.9180, -22.6860

Conversions

Conversions Part 2

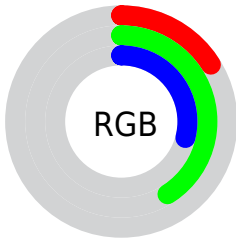
Format	Color
RYB	42, 83, 105
Decimal	2779467
CIELab	39.75, -28.01, 10.93
CIElCh	40, 30.071, 158.681
Yxy	11.1039, 0.2715, 0.4144
Android (android.graphics.Color)	4280969547 (0xFF2A694B)
YUV	82.7430, -3.8173, -35.7316
Hunter-Lab	33.3218, -19.3343, 8.3500

Details

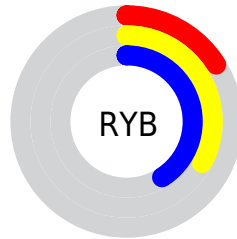
The HunterLab color **33.3218, -19.3343, 8.3500** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **22.6436, 22.0483, -1.7153**, and the grayscale version is **29.3389, -1.5655, 1.5940**.

A 20% lighter version of the original color is **52.8667, -23.9378, 10.7715**, and **17.3931, -12.8840, 6.0730** is the 20% darker color. If you saturate the color by 10%, you get **32.9317, -21.1105, 9.4904**, and if you desaturate by 10%, it is **33.8027, -17.2162, 7.2154**.

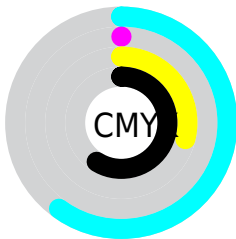
Distribution



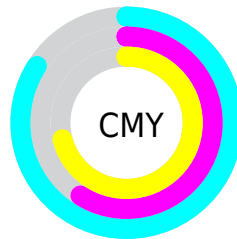
- Red (16%)
- Green (41%)
- Blue (29%)



- Red (16%)
- Yellow (33%)
- Blue (41%)



- Cyan (60%)
- Magenta (0%)
- Yellow (29%)
- Black (59%)



- Cyan (84%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.3218, -19.3343, 8.3500 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 33.3218, -19.3343, 8.3500 by changing the saturation by 10% instead.

■ 33.3218, -19.3343,
8.3500

■ 33.3218, -19.3343,
8.3500

140.8470,
-38.0835, 19.0249

■ 24.7725, -16.8091,
7.1184

■ 52.7751, -23.9428,
10.7318

■ 17.1126, -14.0424,
5.8283

■ 63.5625, -26.1020,
11.9059

■ 10.4617, -12.4627,
4.9910

■ 74.9988, -28.1956,
13.0780

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.0490, -30.2381,
14.2527

0.0000, NaN, NaN

■ 99.6832, -32.2407,
15.4327

0.0000, NaN, NaN

■ 112.8756,

0.0000, NaN, NaN

-34.2117, 16.6204

0.0000, NaN, NaN

126.6036,
-36.1576, 17.8174

■ 33.3218, -19.3343,
8.3500

■ 33.3218, -19.3343,
8.3500

■ 32.9317, -21.1105,
9.4904

■ 33.8027, -17.2162,
7.2154

■ 32.6262, -22.5448,
10.6211

■ 34.3749, -14.7632,
6.0990

■ 32.4000, -23.6505,
11.7277

■ 35.0399, -11.9918,
5.0137

■ 32.2171, -24.5696,
12.7701

■ 35.7977, -8.9240,
3.9700

■ 32.2171, -24.5696,
12.7702

■ 36.6471, -5.5857,
2.9771

■ 37.5859, -2.0052,
2.0420

■ 38.6115, 1.7884,
1.1701

■ 39.7207, 5.7664,
0.3647

■ 40.9099, 9.9020,
-0.3723

Harmonies

Analogous

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



33.3225, -14.0330, 14.0381



33.3218, -19.3343, 8.3500



33.3225, -20.2707, -1.3793

Triad

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



33.3225, -19.3347, 8.3503



33.3225, 1.4842, -24.9503



33.3225, 16.4579, 12.1250

Complementary

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



33.3218, -19.3343, 8.3500



22.6436, 22.0483, -1.7153

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.



33.3225, 21.9011, 4.7192



33.3218, -19.3343, 8.3500



33.3225, 12.5479, -18.1073

Square

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



33.3225, -19.3347, 8.3503



33.3225, -9.1496, -23.0054



33.3225, 20.3840, -6.3921



33.3225, 6.2920, 15.6722

Rectangle

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



33.3218, -19.3343, 8.3500



33.3225, -18.4290, -9.4024



33.3225, 20.3840, -6.3921



33.3225, 18.9570, 10.1208

Sweetspot

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



33.3225, -19.3347, 8.3503



48.0621, -11.3016, 5.1110



34.1554, -17.0430, 16.9453



23.1467, -5.9284, 2.6187



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



33.3225, -19.3347, 8.3503



43.8865, -29.0846, 13.3181



33.7687, -14.4271, -2.9106



18.6247, -2.6526, 1.4597



36.2413, -27.7109, 14.5215



81.6997, -63.2213, 34.3591

Inverse Universe

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



22.6436, 22.0483, -1.7153



27.3275, 35.8704, -1.5285



22.1406, 18.5726, 8.1018



17.7159, 0.7774, 0.5467



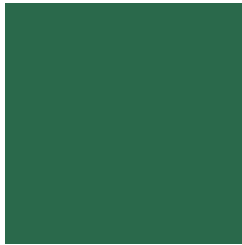
20.2160, 36.0260, 2.1680



45.4432, 80.6271, 7.6266

Previews

White Background



This preview shows how the HunterLab color 33.3218, -19.3343, 8.3500 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 33.3218, -19.3343, 8.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

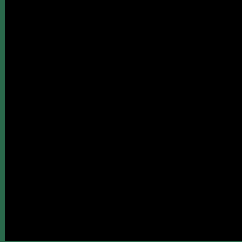
Any Text WCAG AA × Fail

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 33.3218, -19.3343, 8.3500 Background



This preview shows how black text looks on a background with the HunterLab color 33.3218, -19.3343, 8.3500.



This preview shows how white text looks on a background with the HunterLab color 33.3218,

-19.3343, 8.3500.

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

33.3218, -19.3343, 8.3500

Protanopia

33.1364, -2.6371, 10.0047

Deuteranopia

33.1484, 1.7338, 7.5644



Tritanopia

33.4191, -11.0414, -5.2688

Trichromacy



Original Color

33.3218, -19.3343, 8.3500

Protanomaly

32.6796, -9.8389, 8.8416

Deuteranomaly

32.4950, -7.4331, 7.0824

Tritanomaly

33.1945, -14.1267, 0.0071

Monochromacy



Original Color

33.3218, -19.3343, 8.3500

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

30.4800, -8.9905, 3.8612

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3218, -19.3343, 8.3500 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(42, 105, 75)` looks like.

```
.text, #text, p{  
    color:rgb(42, 105, 75)  
}
```

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(42, 105, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 105, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3218, -19.3343, 8.3500 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(42, 105, 75) }
```


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

```
.border{ border-color:rgb(42, 105, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 105, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 105, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 105, 75);  
box-shadow:4px 4px 4px 4px rgb(42, 105,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.3218, -19.3343, 8.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 105, 75) }
```

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

```
.background{ background-color: rgb(42, 105,  
75) }
```

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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