

Converting Colors

HunterLab(19.0283, 21.2699,
-33.5568)

Have a look what the booklet for
HunterLab(19.0283, 21.2699,
-33.5568) contains.

HunterLab(19.0171, 21.4352, -33.8988)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(19.0171, 21.4352,
-33.8988)**

Conversions

Conversions Part 1

Format	Color
Hex	44246E
RGB	68, 36, 110
RGB Percent	27%, 14%, 43%
CMY	0.7333, 0.8588, 0.5686
CMYK	0.38, 0.67, 0.00, 0.57
HSL	266°, 51%, 29%
HSV	266°, 67%, 43%
XYZ	5.8293, 3.6165, 15.1427
YIQ	54.0040, -4.6820, 29.7980

Conversions

Conversions Part 2

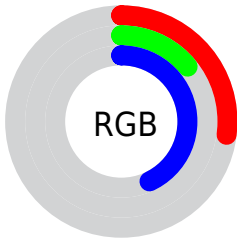
Format	Color
RYB	68, 36, 110
Decimal	4465774
CIELab	22.36, 31.83, -37.48
CIELCh	22, 49.173, 310.340
Yxy	3.6166, 0.2371, 0.1471
Android (android.graphics.Color)	4282655854 (0xFF44246E)
YUV	54.0040, 27.6060, 12.2745
Hunter-Lab	19.0171, 21.4352, -33.8988

Details

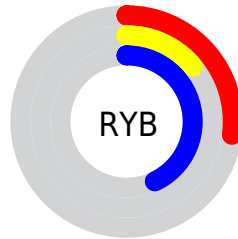
The HunterLab color **19.0171, 21.4352, -33.8988** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **35.9152, -17.9409, 19.0612**, and the grayscale version is **19.1190, -1.0201, 1.0388**.

A 20% lighter version of the original color is **35.7606, 24.0746, -34.2164**, and **7.0464, 17.0029, -33.7074** is the 20% darker color. If you saturate the color by 10%, you get **16.8447, 24.9219, -41.1079**, and if you desaturate by 10%, it is **21.5047, 17.7645, -27.1103**.

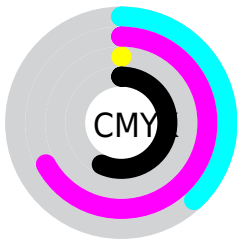
Distribution



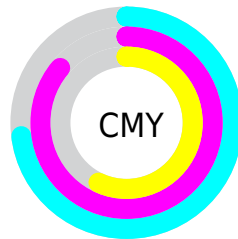
- Red (27%)
- Green (14%)
- Blue (43%)



- Red (27%)
- Yellow (14%)
- Blue (43%)



- Cyan (38%)
- Magenta (67%)
- Yellow (0%)
- Black (57%)



- Cyan (73%)
- Magenta (86%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0171, 21.4352, -33.8988 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 19.0171, 21.4352, -33.8988 by changing the saturation by 10% instead.

■ 19.0171, 21.4352,
-33.8988

■ 19.0171, 21.4352,
-33.8988

■ 116.4029, 29.8669,
-38.6737

■ 12.0893, 19.9102,
-34.5581

■ 35.6861, 24.1083,
-34.5809

■ 5.1128, 27.3338,
-48.5815

■ 45.2405, 25.2422,
-35.1987

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.5220, 26.2552,
-35.8488

0.0000, NaN, NaN

■ 66.4822, 27.1588,
-36.4900

0.0000, NaN, NaN

■ 78.0816, 27.9635,
-37.1013

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.2867, 28.6782,

-37.6721

0.0000, NaN, NaN

103.0688, 29.3105,
-38.1970

19.0171, 21.4352,
-33.8988

19.0171, 21.4352,
-33.8988

16.8447, 24.9219,
-41.1079

21.5047, 17.7645,
-27.1103

15.0558, 27.8990,
-48.3279

24.2463, 14.0885,
-20.8863

13.6041, 30.3419,
-55.3789

27.1947, 10.4864,
-15.2215

13.2051, 31.1394,
-57.5531

30.3136, 6.9832,
-10.0519

33.5754, 3.5780,
-5.2985

■ 36.9595, 0.2596,
-0.8862

■ 40.4496, -2.9860,
3.2495

■ 44.0333, -6.1730,
7.1617

■ 47.7005, -9.3138,
10.8936

Harmonies

Analogous

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



19.0174, 4.4319, -50.4089



19.0171, 21.4352, -33.8988



19.0174, 34.3921, -10.6736

Triad

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



19.0174, 21.4353, -33.8980



19.0174, 9.6698, 13.3122



19.0174, -21.8570, -4.5651

Complementary

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



19.0171, 21.4352, -33.8988



35.9152, -17.9409, 19.0612

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.



19.0174, -21.2404, 8.1354



19.0171, 21.4352, -33.8988



19.0174, -5.9118, 13.3122

Square

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



19.0174, 21.4353, -33.8980



19.0174, 26.2740, 11.8469



19.0174, -16.2925, 13.0782



19.0174, -18.3588, -26.5900

Rectangle

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



19.0171, 21.4352, -33.8988



19.0174, 37.1780, 1.1972



19.0174, -16.2925, 13.0782



19.0174, -22.0891, 0.8717

Sweetspot

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



19.0174, 21.4353, -33.8980



43.0658, 6.1998, -9.0218



26.6778, -4.1974, -16.4203



20.3389, 3.4435, -4.9815



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.



19.0174, 21.4353, -33.8980



20.8595, 35.4679, -60.1632



23.0667, 30.3241, -23.1736



18.3424, 0.4208, -0.8252



14.4151, 34.0680, -63.4108



31.4018, 75.2301, -146.0141

Inverse Universe

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



22.6426, 26.8833, -4.4504



27.1995, 42.0073, -4.9670



34.3149, -24.3866, 17.8338



18.5209, 0.8999, 0.3839



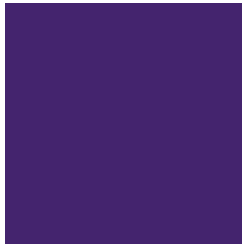
20.9761, 37.9131, -1.8785



46.6290, 83.9385, -1.5349

Previews

White Background



This preview shows how the HunterLab color 19.0171, 21.4352, -33.8988 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 19.0171, 21.4352, -33.8988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

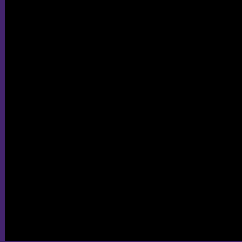
Any Text WCAG AA × Fail

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 19.0171, 21.4352, -33.8988 Background



This preview shows how black text looks on a background with the HunterLab color 19.0171, 21.4352, -33.8988.



This preview shows how white text looks on a background with the HunterLab color 19.0171, 21.4352, -33.8988.

-33.8988.

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

19.0171, 21.4352, -33.8988

Protanopia

18.9256, 5.0075, -34.4651

Deuteranopia

18.9127, -0.2762, -23.0431



Tritanopia

19.2652, 0.5584, -0.0321

Trichromacy



Original Color

19.0171, 21.4352, -33.8988

Protanomaly

18.1286, 9.5545, -36.9083

Deuteranomaly

18.0559, 6.0362, -29.1968

Tritanomaly

18.8333, 7.2800, -9.7929

Monochromacy



Original Color

19.0171, 21.4352, -33.8988

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

18.5937, 6.4005, -9.0889

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0171, 21.4352, -33.8988 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(68, 36, 110)` looks like.

```
.text, #text, p{  
    color:rgb(68, 36, 110)  
}
```

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(68, 36, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 36, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0171, 21.4352, -33.8988 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(68, 36, 110) }
```


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

```
.border{ border-color:rgb(68, 36, 110) }
```

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

Here you see how a box with a 4 pixel rgb(68, 36, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 36, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 36, 110);  
box-shadow:4px 4px 4px 4px rgb(68, 36,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.0171, 21.4352, -33.8988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 36, 110) }
```

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

```
.background{ background-color: rgb(68, 36,  
110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor