

Converting Colors

HunterLab(19.6171, 8.7214,
-33.8580)

Have a look what the booklet for
HunterLab(19.6171, 8.7214,
-33.8580) contains.

HunterLab(19.6916, 8.7619, -33.8680)	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(19.6916, 8.7619,
-33.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	223370
RGB	34, 51, 112
RGB Percent	13%, 20%, 44%
CMY	0.8666, 0.8000, 0.5608
CMYK	0.70, 0.54, 0.00, 0.56
HSL	227°, 53%, 29%
HSV	227°, 70%, 44%
XYZ	4.7681, 3.8776, 15.8264
YIQ	52.8710, -29.7130, 15.3670

Conversions

Conversions Part 2

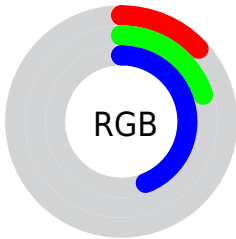
Format	Color
R_{YB}	34, 48, 112
Decimal	2241392
CIE _{Lab}	23.26, 15.17, -37.46
CIE _{LCh}	23, 40.418, 292.046
Yxy	3.8777, 0.1948, 0.1585
Android (android.graphics.Color)	4280431472 (0xFF223370)
YUV	52.8710, 29.1506, -16.5499
Hunter-Lab	19.6916, 8.7619, -33.8680

Details

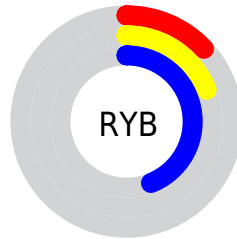
The HunterLab color **19.6916, 8.7619, -33.8680** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **34.2717, -2.3524, 18.4582**, and the grayscale version is **18.7372, -0.9998, 1.0180**.

A 20% lighter version of the original color is **36.4752, 9.5745, -34.4468**, and **6.9938, 12.3220, -35.3414** is the 20% darker color. If you saturate the color by 10%, you get **17.3862, 11.7714, -41.3565**, and if you desaturate by 10%, it is **22.2239, 6.2408, -27.0929**.

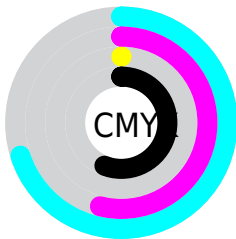
Distribution



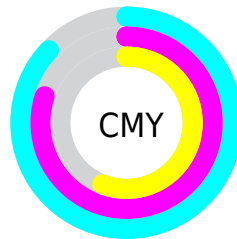
- Red (13%)
- Green (20%)
- Blue (44%)



- Red (13%)
- Yellow (19%)
- Blue (44%)



- Cyan (70%)
- Magenta (54%)
- Yellow (0%)
- Black (56%)



- Cyan (87%)
- Magenta (80%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6916, 8.7619, -33.8680 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 19.6916, 8.7619, -33.8680 by changing the saturation by 10% instead.

■ 19.6916, 8.7619,
-33.8680

■ 19.6916, 8.7619,
-33.8680

■ 117.6316, 10.4674,
-38.6890

■ 12.6704, 8.0502,
-34.4080

■ 36.5164, 9.7565,
-34.6100

■ 6.0102, 10.6781,
-43.1891

■ 46.1386, 10.0857,
-35.2334

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 56.4831, 10.3242,
-35.8838

0.0000, NaN, NaN

■ 67.5025, 10.4829,
-36.5227

0.0000, NaN, NaN

■ 79.1578, 10.5705,
-37.1304

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.4160, 10.5935,

-37.6969

0.0000, NaN, NaN

104.2489, 10.5577,
-38.2171

■ 19.6916, 8.7619,
-33.8680

■ 19.6916, 8.7619,
-33.8680

■ 17.3862, 11.7714,
-41.3565

■ 22.2239, 6.2408,
-27.0929

■ 15.3617, 15.2748,
-49.4317

■ 24.9392, 4.1456,
-21.0036

■ 13.6232, 19.0240,
-57.9880

■ 27.8055, 2.4048,
-15.5111

■ 13.5646, 19.1573,
-58.3098

■ 30.7984, 0.9520,
-10.5159

■ 33.8995, -0.2679,
-5.9269

■ 37.0946, -1.2993,
-1.6668

■ 40.3727, -2.1772,
2.3272

■ 43.7251, -2.9290,
6.1057

■ 47.1446, -3.5765,
9.7092

Harmonies

Analogous

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



19.6919, -4.2557, -37.4423



19.6916, 8.7619, -33.8680



19.6919, 21.5997, -18.7041

Triad

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



19.6919, 8.7624, -33.8674



19.6919, 15.9380, 12.0500



19.6919, -19.5929, 3.9695

Complementary

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



19.6916, 8.7619, -33.8680



34.2717, -2.3524, 18.4582

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.



19.6919, -16.5947, 10.5631



19.6916, 8.7619, -33.8680



19.6919, 2.3711, 13.7675

Square

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



19.6919, 8.7624, -33.8674



19.6919, 26.4080, 7.8464



19.6919, -9.2551, 13.2273



19.6919, -18.6893, -9.5335

Rectangle

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



19.6916, 8.7619, -33.8680



19.6919, 27.2843, -7.3180



19.6919, -9.2551, 13.2273



19.6919, -19.0411, 6.8782

Sweetspot

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



19.6919, 8.7624, -33.8674



44.1355, -0.0670, -8.9816



35.6836, -20.0991, 4.1185



21.2079, 0.1273, -5.0168



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



19.6919, 8.7624, -33.8674



21.2361, 18.5805, -61.7758



17.6659, 20.2280, -40.2082



18.4595, -0.6728, -0.6953



14.4789, 20.9307, -63.2806



30.6039, 52.3457, -151.2516

Inverse Universe

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



21.9729, 25.3328, 5.5319



26.2749, 39.7745, 10.1128



37.3341, -15.5280, 20.3293



18.4725, 0.6388, 1.0750



20.1431, 34.8685, 10.1259



44.8366, 77.3760, 24.3840

Previews

White Background



This preview shows how the HunterLab color 19.6916, 8.7619, -33.8680 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 19.6916, 8.7619, -33.8680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

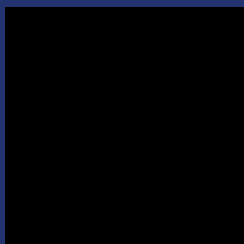
Any Text WCAG AA × Fail

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 19.6916, 8.7619, -33.8680 Background



This preview shows how black text looks on a background with the HunterLab color 19.6916, 8.7619, -33.8680.



This preview shows how white text looks on a background with the HunterLab color 19.6916, 8.7619,

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

19.6916, 8.7619, -33.8680

Protanopia

19.3936, 5.7342, -36.6187

Deuteranopia

19.5630, -0.3358, -23.7271



Tritanopia

19.5923, -9.6331, -3.6937

Trichromacy



Original Color

19.6916, 8.7619, -33.8680

Protanomaly

19.3039, 6.5367, -35.9745

Deuteranomaly

19.5193, 2.5714, -27.7087

Tritanomaly

19.3101, -3.9720, -13.2978

Monochromacy



Original Color

19.6916, 8.7619, -33.8680

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.7916, 1.2229, -8.8401

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6916, 8.7619, -33.8680 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(34, 51, 112)` looks like.

```
.text, #text, p{  
    color:rgb(34, 51, 112)  
}
```

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(34, 51, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 51, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6916, 8.7619, -33.8680 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(34, 51, 112) }
```


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

```
.border{ border-color:rgb(34, 51, 112) }
```

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

Here you see how a box with a 4 pixel rgb(34, 51, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 51, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 51, 112);  
box-shadow:4px 4px 4px 4px rgb(34, 51,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.6916, 8.7619, -33.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 51, 112) }
```

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

```
.background{ background-color: rgb(34, 51,  
112) }
```

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