

Converting Colors

HunterLab(10.3432, 19.1698,
-4.6087)

Have a look what the booklet for
HunterLab(10.3432, 19.1698,
-4.6087) contains.

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Color

**HunterLab(10.4068, 19.2940,
-4.6868)**

Conversions

Conversions Part 1

Format	Color
Hex	3B0028
RGB	59, 0, 40
RGB Percent	23%, 0%, 16%
CMY	0.7686, 1.0000, 0.8431
CMYK	0.00, 1.00, 0.32, 0.77
HSL	319°, 100%, 12%
HSV	319°, 100%, 23%
XYZ	2.1866, 1.0830, 2.1013
YIQ	22.2010, 22.3240, 24.9480

Conversions

Conversions Part 2

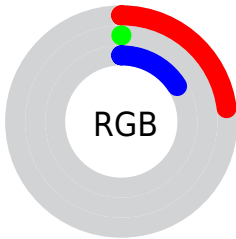
Format	Color
R_{YB}	59, 0, 40
Decimal	3866664
CIE _{Lab}	9.67, 31.58, -9.40
CIE _{LCh}	10, 32.949, 343.431
Yxy	1.0831, 0.4071, 0.2016
Android (android.graphics.Color)	4282056744 (0xFF3B0028)
YUV	22.2010, 8.7749, 32.2727
Hunter-Lab	10.4068, 19.2940, -4.6868

Details

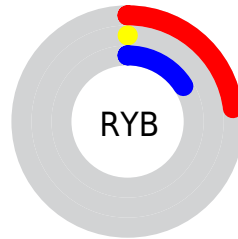
The HunterLab color **10.4068, 19.2940, -4.6868** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **17.8185, -14.3369, 8.6783**, and the grayscale version is **8.9876, -0.4796, 0.4883**.

A 20% lighter version of the original color is **24.7057, 22.1134, -5.0145**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **10.4068, 19.2940, -4.6865**, and if you desaturate by 10%, it is **11.0653, 17.4778, -4.5627**.

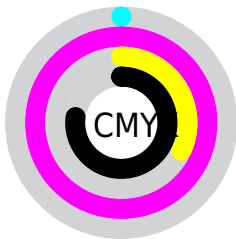
Distribution



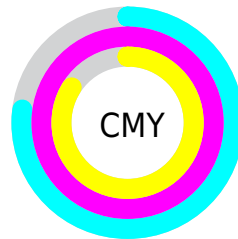
- Red (23%)
- Green (0%)
- Blue (16%)



- Red (23%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (77%)



- Cyan (77%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 10.4068, 19.2940, -4.6868 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 10.4068, 19.2940, -4.6868 by changing the saturation by 10% instead.

10.4068, 19.2940,
-4.6868

10.4068, 19.2940,
-4.6868

99.5673, 28.8596,
-4.1006

0.0000, INF, -NF

0.0000, NaN, NaN

24.6996, 22.2604,
-5.0727

0.0000, NaN, NaN

33.2421, 23.5538,
-5.1307

0.0000, NaN, NaN

42.5908, 24.7116,
-5.1112

0.0000, NaN, NaN

0.0000, NaN, NaN

52.6814, 25.7453,
-5.0229

0.0000, NaN, NaN


63.4628, 26.6668,
-4.8725


0.0000, NaN, NaN


0.0000, NaN, NaN


74.8934, 27.4871,


-4.6658


 86.9382, 28.2153,
-4.4072


 10.4068, 19.2940,
-4.6868


 10.4068, 19.2940,
-4.6868


 10.4068, 19.2940,
-4.6865

 11.0653, 17.4778,
-4.5627

 11.6976, 15.9019,
-4.4918

 12.4409, 14.1329,
-4.2579

 13.3302, 12.1232,
-3.8198

 14.3506, 9.9686,
-3.2180

■ 15.4864, 7.7428,
-2.4907

■ 16.7228, 5.4965,
-1.6699

■ 18.0468, 3.2610,
-0.7803

■ 19.4469, 1.0539,
0.1596

Harmonies

Analogous

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



10.4071, 12.6626, -17.2877



10.4068, 19.2940, -4.6868



10.4071, 19.6638, 3.6959

Triad

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



10.4071, 19.2931, -4.6864



10.4071, -3.9735, 7.2850



10.4071, -10.7877, -15.9337

Complementary

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



10.4068, 19.2940, -4.6868



17.8185, -14.3369, 8.6783

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.



10.4071, -14.1876, -3.5570



10.4068, 19.2940, -4.6868



10.4071, -10.2534, 7.2850

Square

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



10.4071, 19.2931, -4.6864



10.4071, 4.3361, 7.2850



10.4071, -13.9921, 4.3901



10.4071, -4.7033, -26.5263

Rectangle

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



10.4068, 19.2940, -4.6868



10.4071, 16.1542, 7.2850



10.4071, -13.9921, 4.3901



10.4071, -12.2824, -11.5574

Sweetspot

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



10.4071, 19.2931, -4.6864



21.4120, 7.5147, -2.3138



6.7166, 16.2013, -32.1026



10.9750, 4.0724, -1.2664



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



10.4071, 19.2931, -4.6864



13.4304, 24.8369, -5.5606



9.7653, 16.9650, 4.4253



10.8893, 0.4009, 0.1688



16.6373, 30.7143, -6.4774



42.0963, 77.3529, -13.5863

Inverse Universe

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



10.4071, 19.2931, -4.6864



13.4304, 24.8369, -5.5606



18.2836, -11.4814, 1.9327



10.8893, 0.4009, 0.1688



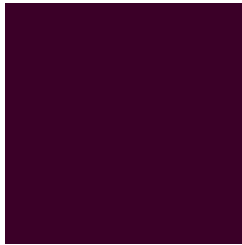
16.6373, 30.7143, -6.4774



42.0963, 77.3529, -13.5863

Previews

White Background



This preview shows how the HunterLab color 10.4068, 19.2940, -4.6868 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

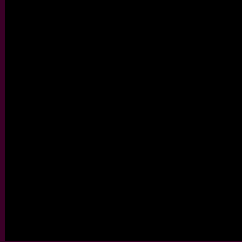
Any Text WCAG AA × Fail

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 10.4068, 19.2940, -4.6868 Background



This preview shows how black text looks on a background with the HunterLab color 10.4068, 19.2940, -4.6868.



This preview shows how white text looks on a background with the HunterLab color 10.4068, 19.2940,

-4.6868.

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

10.4068, 19.2940, -4.6868

Protanopia

11.8904, 1.6657, -11.9457

Deuteranopia

11.9190, 0.4016, -1.3551



Tritanopia

11.3042, 11.2645, 4.5917

Trichromacy



Original Color

10.4068, 19.2940, -4.6868

Protanomaly

10.3895, 7.7166, -11.3363

Deuteranomaly

10.6419, 7.4569, -3.5284

Tritanomaly

10.8941, 14.1795, 1.9557

Monochromacy



Original Color

10.4068, 19.2940, -4.6868

Achromatopsia

8.9572, -0.4779, 0.4867

Achromatomaly

8.7184, 6.6896, -2.4156

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.4068, 19.2940, -4.6868 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(59, 0, 40)` looks like.

```
.text, #text, p{  
    color:rgb(59, 0, 40)  
}
```

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(59, 0, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 0, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 10.4068, 19.2940, -4.6868 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(59, 0, 40) }
```


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

```
.border{ border-color:rgb(59, 0, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 0, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 0, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 0, 40); box-shadow:4px  
4px 4px 4px rgb(59, 0, 40) }
```

Background

The CSS property to change the background color of an element to HunterLab 10.4068, 19.2940, -4.6868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 0, 40) }
```

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

```
.background{ background-color: rgb(59, 0,  
40) }
```

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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