

Converting Colors

HunterLab(10.4401, 20.2383,
-11.5429)

Have a look what the booklet for
HunterLab(10.4401, 20.2383,
-11.5429) contains.

HunterLab(10.4340, 20.2447, -11.6772)	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(10.4340, 20.2447,
-11.6772)**

Conversions

Conversions Part 1

Format	Color
Hex	380034
RGB	56, 0, 52
RGB Percent	22%, 0%, 20%
CMY	0.7804, 1.0000, 0.7961
CMYK	0.00, 1.00, 0.07, 0.78
HSL	304°, 100%, 11%
HSV	304°, 100%, 22%
XYZ	2.2507, 1.0887, 3.3403
YIQ	22.6720, 16.6840, 28.0440

Conversions

Conversions Part 2

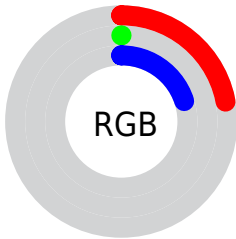
Format	Color
R_{YB}	56, 0, 52
Decimal	3670068
CIE _{Lab}	9.71, 32.76, -18.28
CIE _{LCh}	10, 37.520, 330.838
Yxy	1.0887, 0.3369, 0.1630
Android (android.graphics.Color)	4281860148 (0xFF380034)
YUV	22.6720, 14.4587, 29.2287
Hunter-Lab	10.4340, 20.2447, -11.6772

Details

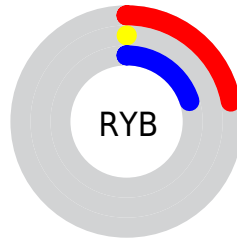
The HunterLab color **10.4340, 20.2447, -11.6772** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **16.8439, -14.2575, 9.7250**, and the grayscale version is **9.1130, -0.4862, 0.4951**.

A 20% lighter version of the original color is **24.8227, 23.3957, -12.4901**, and **0.4681, 1.2698, -3.3263** is the 20% darker color. If you saturate the color by 10%, you get **10.4341, 20.2448, -11.6771**, and if you desaturate by 10%, it is **11.0178, 18.3148, -10.6284**.

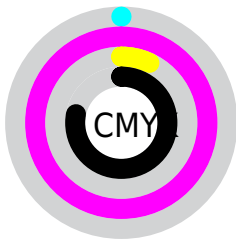
Distribution



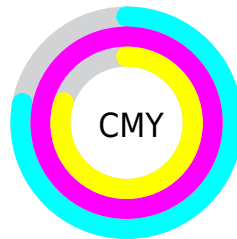
- Red (22%)
- Green (0%)
- Blue (20%)



- Red (22%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (7%)
- Black (78%)



- Cyan (78%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 10.4340, 20.2447, -11.6772 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 10.4340, 20.2447, -11.6772 by changing the saturation by 10% instead.

10.4340, 20.2447,
-11.6772

10.4340, 20.2447,
-11.6772

99.6250, 30.2255,
-13.9285

0.0000, INF, -NF

0.0000, NaN, -NF

24.7359, 23.2896,
-12.5441

0.0000, NaN, NaN

33.2821, 24.6327,
-12.9405

0.0000, NaN, NaN

42.6342, 25.8407,
-13.2696

0.0000, NaN, NaN

0.0000, NaN, NaN

52.7280, 26.9240,
-13.5290

0.0000, NaN, NaN

63.5124, 27.8942,
-13.7209

0.0000, NaN, NaN

0.0000, NaN, NaN

74.9459, 28.7619,

-13.8489

■ 86.9933, 29.5363,
-13.9168

■ 10.4340, 20.2447,
-11.6772

■ 10.4340, 20.2447,
-11.6772

■ 10.4341, 20.2448,
-11.6771

■ 11.0178, 18.3148,
-10.6284

■ 11.5757, 16.6110,
-9.7046

■ 12.2247, 14.7532,
-8.6619

■ 13.0103, 12.6577,
-7.4428

■ 13.9202, 10.4169,
-6.1053

■ 14.9409, 8.1046,
-4.6974

■ 16.0594, 5.7734,
-3.2550

■ 17.2633, 3.4573,
-1.8021

■ 18.5422, 1.1757,
-0.3539

Harmonies

Analogous

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



10.4343, 10.3522, -27.3770



10.4340, 20.2447, -11.6772



10.4343, 24.1946, 0.8152

Triad

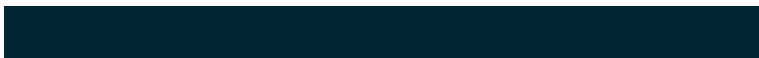
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10.4343, 20.2441, -11.6767



10.4343, -0.8191, 7.3040



10.4343, -14.2351, -12.5548

Complementary

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



10.4340, 20.2447, -11.6772



16.8439, -14.2575, 9.7250

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.



10.4343, -16.4487, 0.3145



10.4340, 20.2447, -11.6772



10.4343, -8.8138, 7.3040

Square

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



10.4343, 20.2441, -11.6767



10.4343, 9.7291, 7.3040



10.4343, -14.4644, 7.3040



10.4343, -8.4166, -28.1287

Rectangle

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



10.4340, 20.2447, -11.6772



10.4343, 22.1253, 5.9556



10.4343, -14.4644, 7.3040



10.4343, -15.4254, -7.5327

Sweetspot

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



10.4343, 20.2441, -11.6767



20.8844, 8.0626, -4.5732



5.5648, 14.6588, -36.1772



11.0694, 4.5478, -2.5921



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.



10.4343, 20.2441, -11.6767



13.7092, 26.5814, -15.2035



9.5282, 17.0201, 0.7006



10.1808, 0.4347, -0.0622



17.1019, 33.1451, -18.8523



44.1008, 85.3695, -47.8247

Inverse Universe

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



10.4343, 20.2441, -11.6767



13.7092, 26.5814, -15.2035



17.1208, -12.5364, 5.6634



10.1808, 0.4347, -0.0622



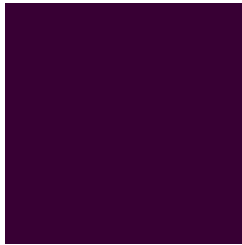
17.1019, 33.1451, -18.8523



44.1008, 85.3695, -47.8247

Previews

White Background



This preview shows how the HunterLab color 10.4340, 20.2447, -11.6772 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

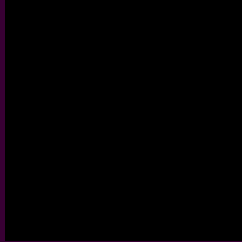
Any Text WCAG AA × Fail

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 10.4340, 20.2447, -11.6772 Background



This preview shows how black text looks on a background with the HunterLab color 10.4340, 20.2447, -11.6772.



This preview shows how white text looks on a background with the HunterLab color 10.4340, 20.2447, -11.6772.

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

10.4340, 20.2447, -11.6772

Protanopia

11.4464, 2.0881, -18.8145

Deuteranopia

11.9872, 0.2305, -6.9815



Tritanopia

11.4679, 8.9319, 3.2984

Trichromacy



Original Color

10.4340, 20.2447, -11.6772

Protanomaly

9.6990, 7.6322, -20.0227

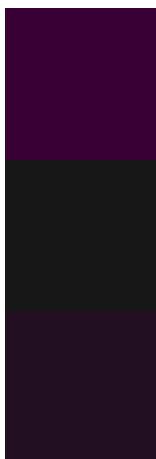
Deuteranomaly

10.4304, 7.7425, -10.5905

Tritanomaly

10.8716, 12.8233, -0.9234

Monochromacy



Original Color

10.4340, 20.2447, -11.6772

Achromatopsia

9.2564, -0.4939, 0.5029

Achromatomaly

9.0248, 7.0056, -4.2587

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.4340, 20.2447, -11.6772 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(56, 0, 52)` looks like.

```
.text, #text, p{  
    color:rgb(56, 0, 52)  
}
```

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(56, 0, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 0, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 10.4340, 20.2447, -11.6772 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(56, 0, 52) }
```


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

```
.border{ border-color:rgb(56, 0, 52) }
```

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

Here you see how a box with a 4 pixel rgb(56, 0, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 0, 52); -webkit-box-shadow:4px  
4px 4px 4px rgb(56, 0, 52); box-shadow:4px  
4px 4px 4px rgb(56, 0, 52) }
```

Background

The CSS property to change the background color of an element to HunterLab 10.4340, 20.2447, -11.6772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 0, 52) }
```

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

```
.background{ background-color: rgb(56, 0,  
52) }
```

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