

Converting Colors

HunterLab(20.2490, 19.5142,
-3.5237)

Have a look what the booklet for
HunterLab(20.2490, 19.5142,
-3.5237) contains.

HunterLab(20.3545, 19.4656, -3.5170)	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(20.3545, 19.4656,
-3.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	5D2645
RGB	93, 38, 69
RGB Percent	36%, 15%, 27%
CMY	0.6353, 0.8510, 0.7294
CMYK	0.00, 0.59, 0.26, 0.64
HSL	326°, 42%, 26%
HSV	326°, 59%, 36%
XYZ	6.2815, 4.1431, 6.0988
YIQ	57.9790, 22.8290, 21.3010

Conversions

Conversions Part 2

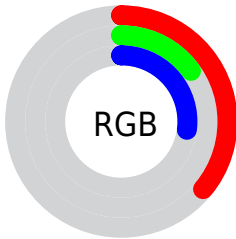
Format	Color
R_{YB}	93, 38, 69
Decimal	6104645
CIE Lab	24.14, 29.14, -7.32
CIE LCh	24, 30.043, 345.903
Yxy	4.1433, 0.3802, 0.2507
Android (android.graphics.Color)	4284294725 (0xFF5D2645)
YUV	57.9790, 5.4334, 30.7134
Hunter-Lab	20.3545, 19.4656, -3.5170

Details

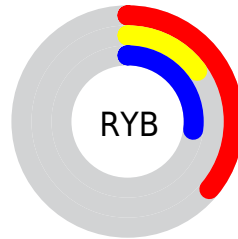
The HunterLab color **20.3545, 19.4656, -3.5170** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **29.3065, -17.2790, 8.5350**, and the grayscale version is **20.5395, -1.0959, 1.1160**.

A 20% lighter version of the original color is **37.3626, 21.6410, -3.3050**, and **7.9528, 14.5572, -2.1305** is the 20% darker color. If you saturate the color by 10%, you get **18.9008, 22.6323, -3.6173**, and if you desaturate by 10%, it is **22.0598, 15.9934, -3.0958**.

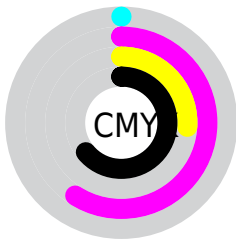
Distribution



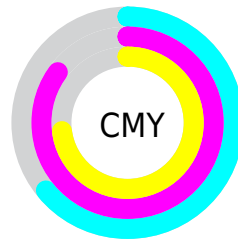
- Red (36%)
- Green (15%)
- Blue (27%)



- Red (36%)
- Yellow (15%)
- Blue (27%)



- Cyan (0%)
- Magenta (59%)
- Yellow (26%)
- Black (64%)



- Cyan (64%)
- Magenta (85%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3545, 19.4656, -3.5170 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 20.3545, 19.4656, -3.5170 by changing the saturation by 10% instead.

20.3545, 19.4656,
-3.5170

20.3545, 19.4656,
-3.5170

118.8302, 26.7306,
-1.2844

13.2439, 18.0566,
-3.4234

37.3296, 21.8540,
-3.4386

6.7696, 19.4054,
-4.1186

47.0172, 22.8477,
-3.2907

0.0000, INF, NaN

0.0000, NaN, NaN

57.4226, 23.7251,
-3.0813

0.0000, NaN, NaN

68.4993, 24.4982,
-2.8163

0.0000, NaN, NaN

80.2087, 25.1774,
-2.5006

0.0000, NaN, NaN

0.0000, NaN, NaN

92.5183, 25.7712,

-2.1379

0.0000, NaN, NaN

105.4003, 26.2869,
-1.7316

20.3545, 19.4656,
-3.5170

20.3545, 19.4656,
-3.5170

18.9008, 22.6323,
-3.6173

22.0598, 15.9934,
-3.0958

17.7266, 25.2991,
-3.3455

23.9829, 12.3735,
-2.4164

16.8527, 27.2588,
-2.6762

26.0941, 8.7087,
-1.5348

16.1230, 28.9142,
-1.8417

28.3664, 5.0615,
-0.4976

16.0589, 29.0686,
-1.7728

30.7772, 1.4648,
0.6593

■ 33.3079, -2.0676,
1.9085

■ 35.9429, -5.5327,
3.2303

■ 38.6697, -8.9335,
4.6099

■ 41.4780, -12.2761,
6.0367

Harmonies

Analogous

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



20.3550, 13.5106, -14.7604



20.3545, 19.4656, -3.5170



20.3550, 19.2643, 5.2615

Triad

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



20.3550, 19.4644, -3.5164



20.3550, -5.7858, 11.6568



20.3550, -12.1541, -15.4120

Complementary

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



20.3545, 19.4656, -3.5170



29.3065, -17.2790, 8.5350

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.



20.3550, -15.6601, -4.1612



20.3545, 19.4656, -3.5170



20.3550, -12.4627, 9.7815

Square

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



20.3550, 19.4644, -3.5164



20.3550, 3.4824, 11.7067



20.3550, -15.7618, 4.8510



20.3550, -5.2862, -23.4591

Rectangle

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



20.3545, 19.4656, -3.5170



20.3550, 15.6305, 8.8055



20.3550, -15.7618, 4.8510



20.3550, -13.7057, -11.6990

Sweetspot

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



20.3550, 19.4644, -3.5164



37.2893, 6.3405, -0.5652



17.8761, 15.1019, -23.0683



18.3570, 3.6627, -0.4305



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



20.3550, 19.4644, -3.5164



24.0630, 31.0998, -4.6509



19.6936, 16.4700, 5.9217



15.3851, 0.6731, 0.3481



19.0741, 34.4768, -1.7204



44.4321, 79.9439, -1.1529

Inverse Universe

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



20.3550, 19.4644, -3.5164



24.0630, 31.0998, -4.6509



29.9462, -13.4764, -0.6413



15.3851, 0.6731, 0.3481



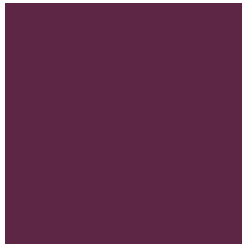
19.0741, 34.4768, -1.7204



44.4321, 79.9439, -1.1529

Previews

White Background



This preview shows how the HunterLab color 20.3545, 19.4656, -3.5170 looks on a white background.

Color Contrast Check

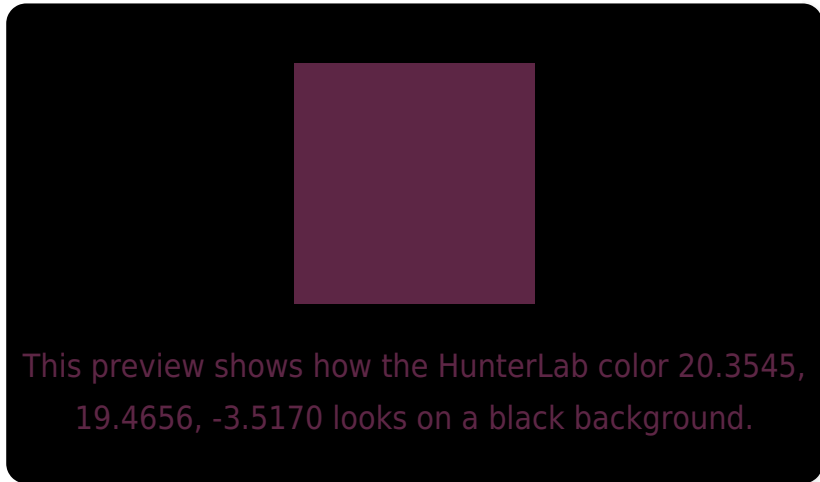
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3545, 19.4656, -3.5170 Background



This preview shows how black text looks on a background with the HunterLab color 20.3545, 19.4656, -3.5170.



This preview shows how white text looks on a background with the HunterLab color 20.3545, 19.4656, -3.5170.

-3.5170.

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

20.3545, 19.4656, -3.5170

Protanopia

20.5643, 1.6829, -10.8935

Deuteranopia

20.6888, 0.9805, -2.0056



Tritanopia

20.3695, 14.0525, 5.2740

Trichromacy



Original Color

20.3545, 19.4656, -3.5170

Protanomaly

19.9738, 7.6072, -8.9545

Deuteranomaly

20.1598, 7.4529, -3.0644

Tritanomaly

20.3163, 16.0418, 2.6146

Monochromacy



Original Color

20.3545, 19.4656, -3.5170

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.1371, 5.9951, -0.9051

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3545, 19.4656, -3.5170 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(93, 38, 69)` looks like.

```
.text, #text, p{  
    color:rgb(93, 38, 69)  
}
```

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(93, 38, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 38, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3545, 19.4656, -3.5170 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(93, 38, 69) }
```


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

```
.border{ border-color:rgb(93, 38, 69) }
```

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

Here you see how a box with a 4 pixel rgb(93, 38, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 38, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 38, 69);  
box-shadow:4px 4px 4px 4px rgb(93, 38, 69)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.3545, 19.4656, -3.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 38, 69) }
```

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

```
.background{ background-color: rgb(93, 38,  
69) }
```

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