

Converting Colors

HunterLab(19.4582, 27.8544,
3.6239)

Have a look what the booklet for
HunterLab(19.4582, 27.8544,
3.6239) contains.

HunterLab(19.4582, 27.8544, 3.6239)	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(19.4582, 27.8544,
3.6239)**

Conversions

Conversions Part 1

Format	Color
Hex	6A1431
RGB	106, 20, 49
RGB Percent	42%, 8%, 19%
CMY	0.5843, 0.9215, 0.8078
CMYK	0.00, 0.81, 0.54, 0.58
HSL	340°, 68%, 25%
HSV	340°, 81%, 42%
XYZ	6.7484, 3.7862, 3.2808
YIQ	49.0200, 41.9470, 27.2510

Conversions

Conversions Part 2

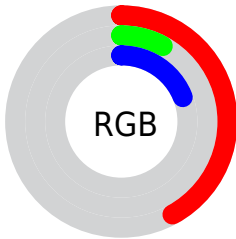
Format	Color
R_{YB}	106, 20, 49
Decimal	6951985
CIE Lab	22.95, 39.14, 4.92
CIE LCh	23, 39.452, 7.169
Yxy	3.7864, 0.4885, 0.2741
Android (android.graphics.Color)	4285142065 (0xFF6A1431)
YUV	49.0200, -0.0099, 49.9715
Hunter-Lab	19.4582, 27.8544, 3.6239

Details

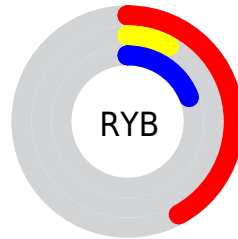
The HunterLab color **19.4582, 27.8544, 3.6239** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **33.1553, -21.5069, 7.4960**, and the grayscale version is **17.5231, -0.9350, 0.9521**.

A 20% lighter version of the original color is **36.1082, 31.1364, 5.0176**, and **9.0245, 15.4790, 5.6432** is the 20% darker color. If you saturate the color by 10%, you get **18.5346, 29.8107, 4.9436**, and if you desaturate by 10%, it is **20.7592, 25.0484, 2.5351**.

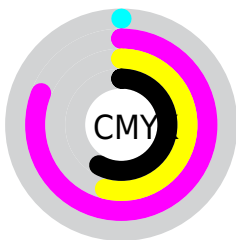
Distribution



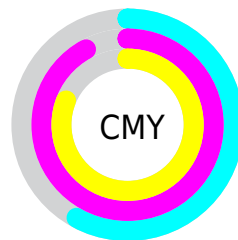
- Red (42%)
- Green (8%)
- Blue (19%)



- Red (42%)
- Yellow (8%)
- Blue (19%)



- Cyan (0%)
- Magenta (81%)
- Yellow (54%)
- Black (58%)



- Cyan (58%)
- Magenta (92%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4582, 27.8544, 3.6239 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 19.4582, 27.8544, 3.6239 by changing the saturation by 10% instead.

■ 19.4582, 27.8544,
3.6239

■ 19.4582, 27.8544,
3.6239

■ 117.2080, 38.7802,
11.2963

■ 12.4693, 26.1379,
2.8334

■ 36.2298, 31.0716,
5.2090

■ 5.7171, 31.8813,
3.8810

■ 45.8287, 32.4970,
6.0203

0.0000, INF, NaN

■ 56.1515, 33.8004,
6.8493

0.0000, NaN, NaN

■ 67.1506, 34.9901,
7.6976

0.0000, NaN, NaN

■ 78.7867, 36.0750,
8.5662

0.0000, NaN, NaN

■ 91.0266, 37.0635,

0.0000, NaN, NaN

9.4554

0.0000, NaN, NaN

103.8420, 37.9630,
10.3654

19.4582, 27.8544,
3.6239

19.4582, 27.8544,
3.6239

18.5346, 29.8107,
4.9436

20.7592, 25.0484,
2.5351

17.8604, 31.2908,
6.0817

22.4138, 21.6401,
1.7303

24.3845, 17.8737,
1.2183

26.6290, 13.9418,
0.9769

29.1070, 9.9719,
0.9706

■ 31.7834, 6.0372,
1.1612

■ 34.6288, 2.1737,
1.5143

■ 37.6192, -1.6054,
2.0006

■ 40.7351, -5.2998,
2.5965

Harmonies

Analogous

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



19.4588, 25.3900, -9.6374



19.4582, 27.8544, 3.6239



19.4588, 21.1943, 10.2490

Triad

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



19.4588, 27.8525, 3.6244



19.4588, -13.1980, 11.8881



19.4588, -9.2710, -32.3852

Complementary

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



19.4582, 27.8544, 3.6239



33.1553, -21.5069, 7.4960

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.



19.4588, -16.3283, -17.6247



19.4582, 27.8544, 3.6239



19.4588, -18.1784, 7.8399

Square

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



19.4588, 27.8525, 3.6244



19.4588, -3.8593, 13.5297



19.4588, -19.1647, -1.9111



19.4588, 1.9510, -36.1955

Rectangle

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



19.4582, 27.8544, 3.6239



19.4588, 13.2536, 12.2530



19.4588, -19.1647, -1.9111



19.4588, -12.1175, -28.2360

Sweetspot

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



19.4588, 27.8525, 3.6244



40.8244, 9.8326, 1.4222



17.5317, 28.6216, -34.8098



19.3091, 5.4191, 0.6556



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



19.4588, 27.8525, 3.6244



23.8549, 40.8215, 8.1463



20.4869, 21.7520, 11.0886



17.6976, 0.6789, 0.8074



19.8818, 34.8034, 6.9930



44.7146, 77.9558, 18.1902

Inverse Universe

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



19.4588, 27.8525, 3.6244



23.8549, 40.8215, 8.1463



30.0596, -12.1454, -8.5851



17.6976, 0.6789, 0.8074



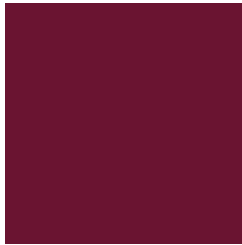
19.8818, 34.8034, 6.9930



44.7146, 77.9558, 18.1902

Previews

White Background



This preview shows how the HunterLab color 19.4582, 27.8544, 3.6239 looks on a white background.

Color Contrast Check

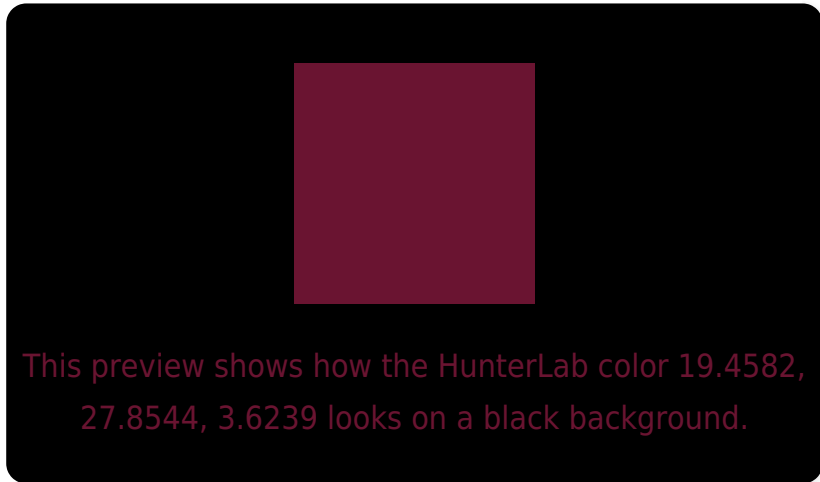
Large Text (above 18pt) WCAG AA ✓ Pass

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

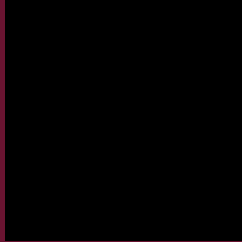
Any Text WCAG AA × Fail

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 19.4582, 27.8544, 3.6239 Background



This preview shows how black text looks on a background with the HunterLab color 19.4582, 27.8544, 3.6239.



This preview shows how white text looks on a background with the HunterLab color 19.4582, 27.8544,

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

19.4582, 27.8544, 3.6239

Protanopia

20.0446, 0.0849, -3.3541

Deuteranopia

19.9651, 1.1775, 4.9504



Tritanopia

19.5478, 24.1679, 9.3234

Trichromacy



Original Color

19.4582, 27.8544, 3.6239

Protanomaly

18.6292, 9.8186, -1.9546

Deuteranomaly

18.9803, 11.1214, 3.8161

Tritanomaly

19.4368, 25.2725, 7.5688

Monochromacy



Original Color

19.4582, 27.8544, 3.6239

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.0589, 9.6295, 0.5811

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4582, 27.8544, 3.6239 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(106, 20, 49)` looks like.

```
.text, #text, p{  
    color:rgb(106, 20, 49)  
}
```

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(106, 20, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 20, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4582, 27.8544, 3.6239 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(106, 20, 49) }
```


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

```
.border{ border-color:rgb(106, 20, 49) }
```

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

Here you see how a box with a 4 pixel rgb(106, 20, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 20, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 20, 49);  
box-shadow:4px 4px 4px 4px rgb(106, 20,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.4582, 27.8544, 3.6239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 20, 49) }
```

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

```
.background{ background-color: rgb(106, 20,  
49) }
```

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