

Converting Colors

HunterLab(27.4541, 50.9790,
-8.7653)

Have a look what the booklet for
HunterLab(27.4541, 50.9790,
-8.7653) contains.

HunterLab(27.5953, 50.6625, -8.5619)	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(27.5953, 50.6625,
-8.5619)**

Conversions

Conversions Part 1

Format	Color
Hex	980065
RGB	152, 0, 101
RGB Percent	60%, 0%, 40%
CMY	0.4039, 0.9999, 0.6039
CMYK	0.00, 1.00, 0.34, 0.40
HSL	320°, 100%, 30%
HSV	320°, 100%, 60%
XYZ	15.2979, 7.6150, 12.9755
YIQ	56.9620, 58.1710, 63.6350

Conversions

Conversions Part 2

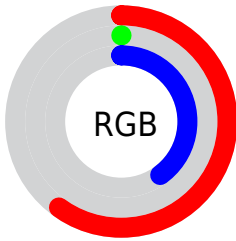
Format	Color
R_{YB}	152, 0, 101
Decimal	9961573
CIE _{Lab}	33.17, 60.05, -13.65
CIE _{LCh}	33, 61.577, 347.196
Yxy	7.6154, 0.4263, 0.2122
Android (android.graphics.Color)	4288151653 (0xFF980065)
YUV	56.9620, 21.7107, 83.3483
Hunter-Lab	27.5953, 50.6625, -8.5619

Details

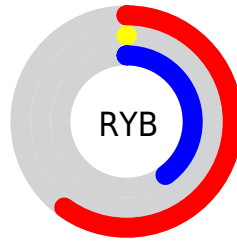
The HunterLab color **27.5953, 50.6625, -8.5619** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **47.6402, -39.0584, 24.7712**, and the grayscale version is **20.1324, -1.0742, 1.0938**.

A 20% lighter version of the original color is **45.9756, 54.7713, -9.0197**, and **16.5926, 30.0204, -1.7210** is the 20% darker color. If you saturate the color by 10%, you get **27.5951, 50.6618, -8.5588**, and if you desaturate by 10%, it is **28.4007, 49.1604, -10.1627**.

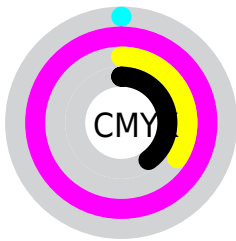
Distribution



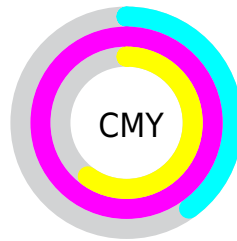
- Red (60%)
- Green (0%)
- Blue (40%)



- Red (60%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.5953, 50.6625, -8.5619 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 27.5953, 50.6625, -8.5619 by changing the saturation by 10% instead.

27.5953, 50.6625,
-8.5619

27.5953, 50.6625,
-8.5619

131.4092, 66.8562,
-8.1606

19.6211, 48.5996,
-8.2673

46.0446, 54.8837,
-8.9105

12.6093, 46.9455,
-7.9012

56.3825, 56.8907,
-8.9761

5.9229, 56.1817,
-9.7271

67.3957, 58.7986,
-8.9767

0.0000, INF, -NF

0.0000, NaN, NaN

79.0452, 60.6039,
-8.9172

0.0000, NaN, NaN

91.2979, 62.3083,
-8.8023

0.0000, NaN, NaN

0.0000, NaN, NaN

104.1254, 63.9154,

-8.6358

0.0000, NaN, NaN

117.5031, 65.4298,
-8.4209

27.5953, 50.6625,
-8.5619

27.5953, 50.6625,
-8.5619

27.5951, 50.6618,
-8.5588

28.4007, 49.1604,
-10.1627

29.6268, 46.3853,
-11.1450

31.4131, 42.0880,
-11.2669

33.7403, 36.6265,
-10.5835

36.5601, 30.4118,
-9.2269

■ 39.8124, 23.7946,
-7.3498

■ 43.4371, 17.0236,
-5.0893

■ 47.3797, 10.2531,
-2.5538

■ 51.5937, 3.5665,
0.1772

Harmonies

Analogous

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



27.5961, 35.3028, -40.0381



27.5953, 50.6625, -8.5619



27.5961, 49.3331, 10.6908

Triad

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



27.5961, 50.6599, -8.5608



27.5961, -12.5319, 19.3173



27.5961, -24.0895, -44.8545

Complementary

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



27.5953, 50.6625, -8.5619



47.6402, -39.0584, 24.7712

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.



27.5961, -30.6396, -12.6155



27.5953, 50.6625, -8.5619



27.5961, -25.4859, 17.0032

Square

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



27.5961, 50.6599, -8.5608



27.5961, 8.1653, 19.3173



27.5961, -31.0586, 8.7951



27.5961, -9.9484, -69.4968

Rectangle

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



27.5953, 50.6625, -8.5619



27.5961, 39.1379, 16.1738



27.5961, -31.0586, 8.7951



27.5961, -27.0385, -33.7803

Sweetspot

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



27.5961, 50.6599, -8.5608



57.4096, 23.1550, -6.9520



17.2132, 42.6416, -90.9671



26.4586, 12.7061, -3.8893



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



27.5961, 50.6599, -8.5608



36.6154, 67.1405, -10.7232



25.9760, 44.7566, 14.6452



25.0766, 1.4804, 0.1884



25.2801, 46.4321, -7.9995



3.1975, 6.0565, -2.4344

Inverse Universe

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



27.5961, 50.6599, -8.5608



36.6154, 67.1405, -10.7232



48.9698, -30.8827, 5.4604



25.0766, 1.4804, 0.1884



25.2801, 46.4321, -7.9995



3.1975, 6.0565, -2.4344

Previews

White Background



This preview shows how the HunterLab color 27.5953, 50.6625, -8.5619 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 27.5953, 50.6625, -8.5619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

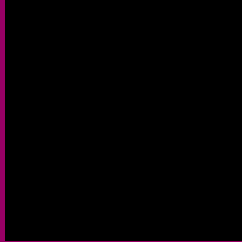
Any Text WCAG AA × Fail

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 27.5953, 50.6625, -8.5619 Background



This preview shows how black text looks on a background with the HunterLab color 27.5953, 50.6625, -8.5619.



This preview shows how white text looks on a background with the HunterLab color 27.5953, 50.6625, -8.5619.

-8.5619.

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

27.5953, 50.6625, -8.5619

Protanopia

28.8260, 6.4945, -36.3943

Deuteranopia

28.7039, 1.9034, -4.1533



Tritanopia

28.2375, 35.1123, 13.6098

Trichromacy



Original Color

27.5953, 50.6625, -8.5619

Protanomaly

24.3196, 23.9491, -34.3832

Deuteranomaly

25.1643, 23.2263, -10.7332

Tritanomaly

27.2832, 41.4893, 7.3186

Monochromacy



Original Color

27.5953, 50.6625, -8.5619

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.0452, 20.5506, -5.9325

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.5953, 50.6625, -8.5619 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(152, 0, 101)` looks like.

```
.text, #text, p{  
    color:rgb(152, 0, 101)  
}
```

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(152, 0, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 0, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 27.5953, 50.6625, -8.5619 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(152, 0, 101) }
```


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

```
.border{ border-color:rgb(152, 0, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 0, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 0, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 0, 101);  
box-shadow:4px 4px 4px 4px rgb(152, 0,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.5953, 50.6625, -8.5619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 0, 101) }
```

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

```
.background{ background-color: rgb(152, 0,  
101) }
```

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