

Converting Colors

HunterLab(27.5060, 52.0588,
-20.6284)

Have a look what the booklet for
HunterLab(27.5060, 52.0588,
-20.6284) contains.

HunterLab(27.4938, 52.0161, -20.4670)	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(27.4938, 52.0161,
-20.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	930078
RGB	147, 0, 120
RGB Percent	58%, 0%, 47%
CMY	0.4235, 0.9999, 0.5294
CMYK	0.00, 1.00, 0.18, 0.42
HSL	311°, 100%, 29%
HSV	311°, 100%, 58%
XYZ	15.4228, 7.5591, 18.4154
YIQ	57.6330, 49.0920, 68.4840

Conversions

Conversions Part 2

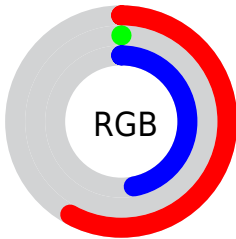
Format	Color
RYB	147, 0, 120
Decimal	9633912
CIELab	33.05, 61.30, -26.04
CIELCh	33, 66.605, 336.987
Yxy	7.5595, 0.3726, 0.1826
Android (android.graphics.Color)	4287823992 (0xFF930078)
YUV	57.6330, 30.7469, 78.3749
Hunter-Lab	27.4938, 52.0161, -20.4670

Details

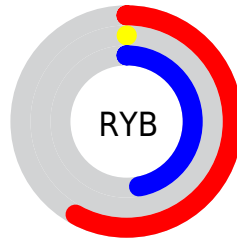
The HunterLab color **27.4938, 52.0161, -20.4670** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **45.7677, -38.6274, 26.1811**, and the grayscale version is **20.3333, -1.0849, 1.1047**.

A 20% lighter version of the original color is **46.0056, 56.4688, -21.6142**, and **16.3679, 30.8098, -10.9684** is the 20% darker color. If you saturate the color by 10%, you get **27.4938, 52.0158, -20.4652**, and if you desaturate by 10%, it is **28.2123, 50.3169, -20.9096**.

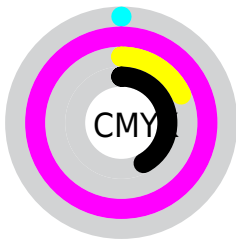
Distribution



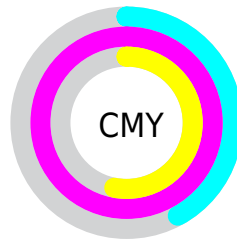
- Red (58%)
- Green (0%)
- Blue (47%)



- Red (58%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (42%)



- Cyan (42%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.4938, 52.0161, -20.4670 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 27.4938, 52.0161, -20.4670 by changing the saturation by 10% instead.

27.4938, 52.0161,
-20.4670

27.4938, 52.0161,
-20.4670

131.2383, 68.5404,
-23.5693

19.5305, 49.9519,
-19.9536

45.9241, 56.2914,
-21.5188

12.5311, 48.3440,
-19.6325

56.2536, 58.3347,
-21.9824

5.8090, 58.7445,
-24.2906

67.2589, 60.2815,
-22.3894

0.0000, INF, -NF

0.0000, NaN, NaN

78.9009, 62.1269,
-22.7377

0.0000, NaN, NaN

91.1465, 63.8717,
-23.0280

0.0000, NaN, NaN

0.0000, NaN, NaN

103.9673, 65.5194,

-23.2619

0.0000, NaN, NaN

117.3384, 67.0741,
-23.4416

27.4938, 52.0161,
-20.4670

27.4938, 52.0161,
-20.4670

27.4938, 52.0158,
-20.4652

28.2123, 50.3169,
-20.9096

29.3143, 47.4035,
-20.6207

30.9423, 43.0012,
-19.3793

33.0839, 37.4421,
-17.3136

35.6982, 31.1212,
-14.6158

■ 38.7316, 24.3855,
-11.4782

■ 42.1285, 17.4886,
-8.0581

■ 45.8375, 10.5918,
-4.4695

■ 49.8140, 3.7851,
-0.7881

Harmonies

Analogous

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



27.4945, 30.4008, -57.4983



27.4938, 52.0161, -20.4670



27.4945, 57.4016, 6.1249

Triad

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



27.4945, 52.0140, -20.4658



27.4945, -6.6284, 19.2462



27.4945, -28.5657, -37.5797

Complementary

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



27.4938, 52.0161, -20.4670



45.7677, -38.6274, 26.1811

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.



27.4945, -32.9709, -4.1092



27.4938, 52.0161, -20.4670



27.4945, -23.2830, 18.6767

Square

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



27.4945, 52.0140, -20.4658



27.4945, 17.9771, 19.2462



27.4945, -31.4179, 13.3621



27.4945, -16.6685, -71.8496

Rectangle

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



27.4938, 52.0161, -20.4670



27.4945, 49.8796, 14.5364



27.4945, -31.4179, 13.3621



27.4945, -30.7580, -25.1469

Sweetspot

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



27.4945, 52.0140, -20.4658



56.0792, 23.9848, -11.0789



15.2952, 39.9603, -96.8784



25.9412, 13.1533, -6.1445



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



27.4945, 52.0140, -20.4658



36.7602, 69.4933, -26.9461



25.3083, 44.1348, 10.1755



24.2716, 1.5775, -0.2411



25.6059, 48.4548, -19.1427



2.8994, 5.5947, -3.0047

Inverse Universe

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



27.4945, 52.0140, -20.4658



36.7602, 69.4933, -26.9461



46.6868, -32.9300, 12.7333



24.2716, 1.5775, -0.2411



25.6059, 48.4548, -19.1427



2.8994, 5.5947, -3.0047

Previews

White Background



This preview shows how the HunterLab color 27.4938, 52.0161, -20.4670 looks on a white background.

Color Contrast Check

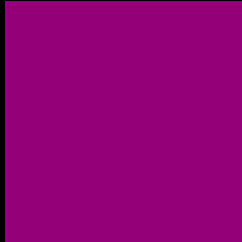
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4938, 52.0161, -20.4670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

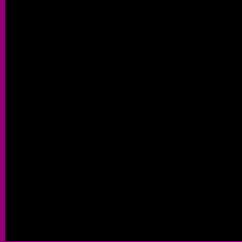
Any Text WCAG AA × Fail

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 27.4938, 52.0161, -20.4670 Background



This preview shows how black text looks on a background with the HunterLab color 27.4938, 52.0161, -20.4670.



This preview shows how white text looks on a background with the HunterLab color 27.4938, 52.0161, -20.4670.

-20.4670.

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

27.4938, 52.0161, -20.4670

Protanopia

28.6391, 9.7617, -56.8690

Deuteranopia

28.6518, 1.6869, -14.0366



Tritanopia

28.1532, 30.4722, 11.5263

Trichromacy



Original Color

27.4938, 52.0161, -20.4670

Protanomaly

22.8211, 22.8998, -59.4089

Deuteranomaly

24.9041, 23.1856, -22.8630

Tritanomaly

26.9744, 39.2308, 2.6770

Monochromacy



Original Color

27.4938, 52.0161, -20.4670

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.2259, 20.7620, -9.9930

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.4938, 52.0161, -20.4670 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(147, 0, 120)` looks like.

```
.text, #text, p{  
    color:rgb(147, 0, 120)  
}
```

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(147, 0, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 0, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 27.4938, 52.0161, -20.4670 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(147, 0, 120) }
```


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

```
.border{ border-color:rgb(147, 0, 120) }
```

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

Here you see how a box with a 4 pixel rgb(147, 0, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 0, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 0, 120);  
box-shadow:4px 4px 4px 4px rgb(147, 0,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.4938, 52.0161, -20.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 0, 120) }
```

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

```
.background{ background-color: rgb(147, 0,  
120) }
```

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