

Converting Colors

HunterLab(27.8693, 51.2960,
-9.6577)

Have a look what the booklet for
HunterLab(27.8693, 51.2960,
-9.6577) contains.

HunterLab(27.8779, 51.3269, -9.7769)	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(27.8779, 51.3269,
-9.7769)**

Conversions

Conversions Part 1

Format	Color
Hex	990068
RGB	153, 0, 104
RGB Percent	60%, 0%, 41%
CMY	0.4000, 0.9999, 0.5922
CMYK	0.00, 1.00, 0.32, 0.40
HSL	319°, 100%, 30%
HSV	319°, 100%, 60%
XYZ	15.6356, 7.7718, 13.7727
YIQ	57.6030, 57.8040, 64.7800

Conversions

Conversions Part 2

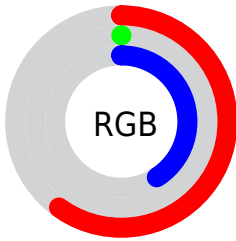
Format	Color
RYB	153, 0, 104
Decimal	10027112
CIELab	33.50, 60.59, -15.04
CIElCh	34, 62.427, 346.055
Yxy	7.7722, 0.4205, 0.2090
Android (android.graphics.Color)	4288217192 (0xFF990068)
YUV	57.6030, 22.8737, 83.6632
Hunter-Lab	27.8779, 51.3269, -9.7769

Details

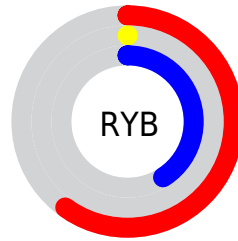
The HunterLab color **27.8779, 51.3269, -9.7769** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **47.9630, -39.4759, 25.2690**, and the grayscale version is **20.3476, -1.0857, 1.1055**.

A 20% lighter version of the original color is **46.2432, 55.5836, -10.2915**, and **16.8428, 30.5976, -2.7122** is the 20% darker color. If you saturate the color by 10%, you get **27.8777, 51.3261, -9.7739**, and if you desaturate by 10%, it is **28.6793, 49.8136, -11.3083**.

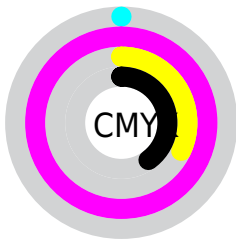
Distribution



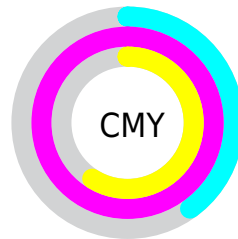
- Red (60%)
- Green (0%)
- Blue (41%)



- Red (60%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.8779, 51.3269, -9.7769 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 27.8779, 51.3269, -9.7769 by changing the saturation by 10% instead.

■ 27.8779, 51.3269,
-9.7769

■ 27.8779, 51.3269,
-9.7769

■ 131.8841, 67.6352,
-9.8179

■ 19.8734, 49.2557,
-9.4362

■ 46.3796, 55.5690,
-10.2275

■ 12.8272, 47.5914,
-9.0363

■ 56.7408, 57.5882,
-10.3446

■ 6.2282, 55.0658,
-10.5796

■ 67.7760, 59.5089,
-10.3960

0.0000, INF, -NF

0.0000, NaN, NaN

■ 79.4462, 61.3277,
-10.3864

0.0000, NaN, NaN

■ 91.7186, 63.0457,
-10.3202

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.5649, 64.6666,

-10.2012

0.0000, NaN, NaN

117.9607, 66.1949,
-10.0328

27.8779, 51.3269,
-9.7769

27.8779, 51.3269,
-9.7769

27.8777, 51.3261,
-9.7739

28.6793, 49.8136,
-11.3083

29.9047, 47.0081,
-12.1953

31.6934, 42.6621,
-12.1980

34.0271, 37.1349,
-11.3795

36.8575, 30.8415,
-9.8801

■ 40.1247, 24.1371,
-7.8587

■ 43.7679, 17.2750,
-5.4568

■ 47.7325, 10.4122,
-2.7852

■ 51.9713, 3.6344,
0.0757

Harmonies

Analogous

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



27.8787, 35.1395, -42.1524



27.8779, 51.3269, -9.7769



27.8787, 50.6737, 10.3788

Triad

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



27.8787, 51.3243, -9.7758



27.8787, -12.0660, 19.5151



27.8787, -24.8451, -44.5184

Complementary

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



27.8779, 51.3269, -9.7769



47.9630, -39.4759, 25.2690

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.



27.8787, -31.2184, -11.7620



27.8779, 51.3269, -9.7769



27.8787, -25.5250, 17.3662

Square

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



27.8787, 51.3243, -9.7758



27.8787, 9.2376, 19.5151



27.8787, -31.4220, 9.4557



27.8787, -10.8049, -70.4541

Rectangle

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



27.8779, 51.3269, -9.7769



27.8787, 40.6374, 16.1905



27.8787, -31.4220, 9.4557



27.8787, -27.7387, -33.1665

Sweetspot

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



27.8787, 51.3243, -9.7758



58.2640, 23.6753, -7.5085



17.1465, 42.7707, -92.8952



26.4756, 12.7904, -4.1290



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.



27.8787, 51.3243, -9.7758



37.2601, 68.5182, -12.4281



26.1856, 45.1611, 14.4293



25.0798, 1.4972, 0.1438



25.3562, 46.7053, -9.0564



3.2042, 6.0800, -2.5239

Inverse Universe

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



27.8787, 51.3243, -9.7758



37.2601, 68.5182, -12.4281



49.2566, -31.5140, 6.4645



25.0798, 1.4972, 0.1438



25.3562, 46.7053, -9.0564



3.2042, 6.0800, -2.5239

Previews

White Background



This preview shows how the HunterLab color 27.8779, 51.3269, -9.7769 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 27.8779, 51.3269, -9.7769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

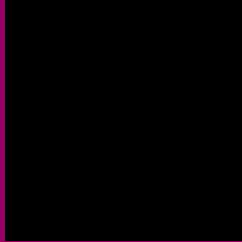
Any Text WCAG AA × Fail

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 27.8779, 51.3269, -9.7769 Background



This preview shows how black text looks on a background with the HunterLab color 27.8779, 51.3269, -9.7769.



This preview shows how white text looks on a background with the HunterLab color 27.8779, 51.3269, -9.7769.

-9.7769.

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

27.8779, 51.3269, -9.7769

Protanopia

29.1613, 6.7076, -38.8769

Deuteranopia

28.9728, 1.7027, -5.2606



Tritanopia

28.5480, 35.2233, 13.4611

Trichromacy



Original Color

27.8779, 51.3269, -9.7769

Protanomaly

24.5194, 23.9677, -37.2579

Deuteranomaly

25.4478, 23.2842, -12.0018

Tritanomaly

27.5762, 41.7237, 6.9704

Monochromacy



Original Color

27.8779, 51.3269, -9.7769

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.3919, 20.7371, -6.4259

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.8779, 51.3269, -9.7769 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(153, 0, 104)` looks like.

```
.text, #text, p{  
    color:rgb(153, 0, 104)  
}
```

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(153, 0, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 27.8779, 51.3269, -9.7769 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(153, 0, 104) }
```


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

```
.border{ border-color:rgb(153, 0, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 0, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 104);  
box-shadow:4px 4px 4px 4px rgb(153, 0,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.8779, 51.3269, -9.7769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 104) }
```

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

```
.background{ background-color: rgb(153, 0,  
104) }
```

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