

Converting Colors

HunterLab(29.7682, 57.3345,
-30.0674)

Have a look what the booklet for
HunterLab(29.7682, 57.3345,
-30.0674) contains.

HunterLab(29.7691, 57.3408, -30.0675)	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(29.7691, 57.3408,
-30.0675)**

Conversions

Conversions Part 1

Format	Color
Hex	9B008C
RGB	155, 0, 140
RGB Percent	61%, 0%, 55%
CMY	0.3922, 0.9999, 0.4510
CMYK	0.00, 1.00, 0.10, 0.39
HSL	306°, 100%, 30%
HSV	306°, 100%, 61%
XYZ	18.2512, 8.8620, 25.5595
YIQ	62.3050, 47.4400, 76.4000

Conversions

Conversions Part 2

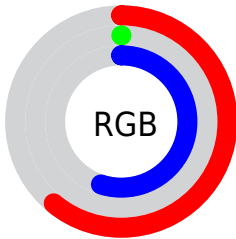
Format	Color
RYB	155, 0, 140
Decimal	10158220
CIELab	35.72, 65.54, -34.21
CIElCh	36, 73.930, 332.439
Yxy	8.8624, 0.3465, 0.1683
Android (android.graphics.Color)	4288348300 (0xFF9B008C)
YUV	62.3050, 38.3036, 81.2935
Hunter-Lab	29.7691, 57.3408, -30.0675

Details

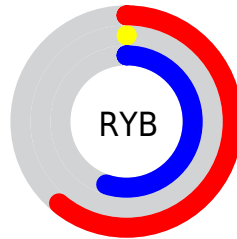
The HunterLab color **29.7691, 57.3408, -30.0675** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **48.4536, -41.2940, 28.5802**, and the grayscale version is **21.9168, -1.1694, 1.1908**.

A 20% lighter version of the original color is **48.6139, 61.7022, -31.2117**, and **18.3682, 35.3828, -18.5692** is the 20% darker color. If you saturate the color by 10%, you get **29.7692, 57.3407, -30.0663**, and if you desaturate by 10%, it is **30.4353, 55.4792, -29.7458**.

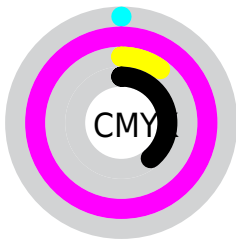
Distribution



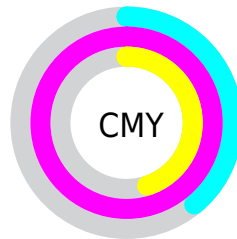
- Red (61%)
- Green (0%)
- Blue (55%)



- Red (61%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (39%)



- Cyan (39%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7691, 57.3408, -30.0675 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 29.7691, 57.3408, -30.0675 by changing the saturation by 10% instead.

29.7691, 57.3408,
-30.0675

29.7691, 57.3408,
-30.0675

135.0364, 74.7254,
-34.6261

21.5675, 55.2126,
-29.6344

48.6134, 61.7709,
-31.2681

14.2979, 53.5200,
-29.6352

59.1276, 63.9048,
-31.8789

7.9563, 54.8462,
-31.7394

70.3065, 65.9479,
-32.4570

0.0000, INF, -NF

0.0000, NaN, NaN

82.1127, 67.8937,
-32.9911

0.0000, NaN, NaN

94.5144, 69.7415,
-33.4763

0.0000, NaN, NaN

0.0000, NaN, NaN

107.4844, 71.4936,

-33.9105

120.9988, 73.1535,
-34.2936

■ 29.7691, 57.3408,
-30.0675

■ 29.7691, 57.3408,
-30.0675

■ 29.7692, 57.3407,
-30.0663

■ 30.4353, 55.4792,
-29.7458

■ 31.5161, 52.2664,
-28.5529

■ 33.1544, 47.4362,
-26.2848

■ 35.3426, 41.3312,
-23.1194

■ 38.0412, 34.3765,
-19.3020

■ 41.1949, 26.9558,
-15.0683

■ 44.7451, 19.3548,
-10.6041

■ 48.6366, 11.7579,
-6.0380

■ 52.8208, 4.2691,
-1.4498

Harmonies

Analogous

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



29.7698, 30.4440, -73.5350



29.7691, 57.3408, -30.0675



29.7698, 67.0867, 3.5841

Triad

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



29.7698, 57.3388, -30.0661



29.7698, -3.6988, 20.8389



29.7698, -33.2368, -37.1147

Complementary

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



29.7691, 57.3408, -30.0675



48.4536, -41.2940, 28.5802

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.



29.7698, -36.9973, -0.4868



29.7691, 57.3408, -30.0675



29.7698, -24.0340, 20.8389

Square

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



29.7698, 57.3388, -30.0661



29.7698, 25.4102, 20.8389



29.7698, -34.3243, 16.3382



29.7698, -21.4550, -79.5359

Rectangle

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



29.7691, 57.3408, -30.0675



29.7698, 60.5470, 14.7014



29.7698, -34.3243, 16.3382



29.7698, -35.2534, -23.0093

Sweetspot

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



29.7698, 57.3388, -30.0661



59.5831, 26.5089, -14.5519



15.6588, 41.9233, -107.0349



27.4370, 14.5167, -8.0489



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



29.7698, 57.3388, -30.0661



39.8188, 76.6677, -39.9800



27.1034, 47.8028, 6.7326



25.1264, 1.7469, -0.5177



26.6853, 51.4097, -27.0220



3.3023, 6.4237, -3.8224

Inverse Universe

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



29.7698, 57.3388, -30.0661



39.8188, 76.6677, -39.9800



49.1817, -36.7619, 17.8867



25.1264, 1.7469, -0.5177



26.6853, 51.4097, -27.0220



3.3023, 6.4237, -3.8224

Previews

White Background



This preview shows how the HunterLab color 29.7691, 57.3408, -30.0675 looks on a white background.

Color Contrast Check

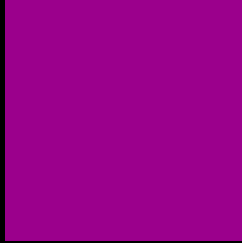
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7691, 57.3408, -30.0675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

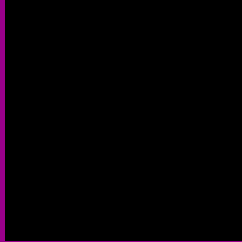
Any Text WCAG AA × Fail

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 29.7691, 57.3408, -30.0675 Background



This preview shows how black text looks on a background with the HunterLab color 29.7691, 57.3408, -30.0675.



This preview shows how white text looks on a background with the HunterLab color 29.7691, 57.3408, -30.0675.

-30.0675.

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

29.7691, 57.3408, -30.0675

Protanopia

30.9112, 10.6170, -61.5552

Deuteranopia

31.0054, 1.8817, -21.9229



Tritanopia

30.3989, 29.9634, 11.4488

Trichromacy



Original Color

29.7691, 57.3408, -30.0675

Protanomaly

24.6319, 26.4976, -68.8981

Deuteranomaly

26.5524, 25.5070, -33.5545

Tritanomaly

28.9667, 41.3734, -0.3240

Monochromacy



Original Color

29.7691, 57.3408, -30.0675

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

21.6241, 23.1999, -12.7907

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7691, 57.3408, -30.0675 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(155, 0, 140)` looks like.

```
.text, #text, p{  
    color:rgb(155, 0, 140)  
}
```

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(155, 0, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 0, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7691, 57.3408, -30.0675 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(155, 0, 140) }
```


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

```
.border{ border-color:rgb(155, 0, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 0, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(155, 0,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.7691, 57.3408, -30.0675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 0, 140) }
```

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

```
.background{ background-color: rgb(155, 0,  
140) }
```

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