

Converting Colors

HunterLab(30.0588, 61.8922,
-61.3601)

Have a look what the booklet for
HunterLab(30.0588, 61.8922,
-61.3601) contains.

HunterLab(30.1063, 61.9694, -61.2537)	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(30.1063, 61.9694,
-61.2537)**

Conversions

Conversions Part 1

Format	Color
Hex	9000B0
RGB	144, 0, 176
RGB Percent	56%, 0%, 69%
CMY	0.4353, 1.0000, 0.3098
CMYK	0.18, 1.00, 0.00, 0.31
HSL	289°, 100%, 35%
HSV	289°, 100%, 69%
XYZ	19.3381, 9.0639, 41.8046
YIQ	63.1200, 29.3280, 85.2640

Conversions

Conversions Part 2

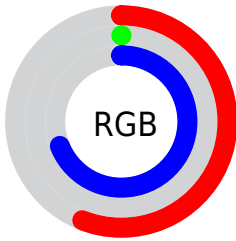
Format	Color
RYB	144, 0, 176
Decimal	9437360
CIELab	36.11, 69.48, -55.52
CIElCh	36, 88.937, 321.371
Yxy	9.0643, 0.2754, 0.1291
Android (android.graphics.Color)	4287627440 (0xFF9000B0)
YUV	63.1200, 55.6498, 70.9318
Hunter-Lab	30.1063, 61.9694, -61.2537

Details

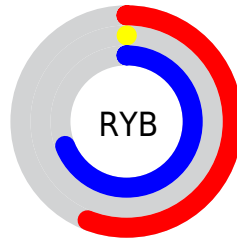
The HunterLab color **30.1063, 61.9694, -61.2537** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **55.9982, -46.6085, 33.6896**, and the grayscale version is **22.1442, -1.1816, 1.2031**.

A 20% lighter version of the original color is **49.0222, 66.6363, -61.8639**, and **18.5240, 39.3082, -46.8302** is the 20% darker color. If you saturate the color by 10%, you get **30.1064, 61.9695, -61.2538**, and if you desaturate by 10%, it is **31.2672, 60.1184, -57.5678**.

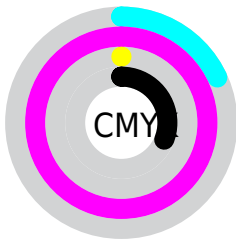
Distribution



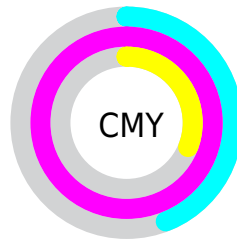
- Red (56%)
- Green (0%)
- Blue (69%)



- Red (56%)
- Yellow (0%)
- Blue (69%)



- Cyan (18%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (44%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1063, 61.9694, -61.2537 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 30.1063, 61.9694, -61.2537 by changing the saturation by 10% instead.

30.1063, 61.9694,
-61.2537

30.1063, 61.9694,
-61.2537

135.5937, 80.2528,
-66.6305

21.8703, 59.8360,
-62.2899

49.0101, 66.5373,
-61.4701

14.5622, 58.2368,
-65.3469

59.5510, 68.7673,
-62.0512

8.2229, 59.4464,
-74.8163

70.7550, 70.9149,
-62.7588

0.0000, INF, -NF

82.5849, 72.9699,
-63.5276

0.0000, NaN, -NF

95.0093, 74.9295,
-64.3189

0.0000, NaN, NaN

108.0010, 76.7946,

0.0000, NaN, NaN

-65.1089

121.5361, 78.5679,
-65.8826

30.1063, 61.9694,
-61.2537

30.1063, 61.9694,
-61.2537

30.1064, 61.9695,
-61.2538

31.2672, 60.1184,
-57.5678

32.9715, 56.5058,
-52.5548

35.3474, 51.0151,
-46.2222

38.3594, 44.1717,
-39.0764

41.9395, 36.5183,
-31.5848

■ 46.0109, 28.4794,
-24.0785

■ 50.5004, 20.3342,
-16.7495

■ 55.3442, 12.2421,
-9.6858

■ 60.4894, 4.2811,
-2.9118

Harmonies

Analogous

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



30.1069, 23.8469, -116.8940



30.1063, 61.9694, -61.2537



30.1069, 84.9341, -8.3719

Triad

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



30.1069, 61.9687, -61.2520



30.1069, 8.0478, 21.0748



30.1069, -39.8387, -27.8947

Complementary

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



30.1063, 61.9694, -61.2537



55.9982, -46.6085, 33.6896

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.



30.1069, -41.1780, 9.0767



30.1063, 61.9694, -61.2537



30.1069, -20.6821, 21.0748

Square

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



30.1069, 61.9687, -61.2520



30.1069, 46.4076, 21.0748



30.1069, -35.8587, 20.1478



30.1069, -30.8958, -87.3137

Rectangle

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



30.1063, 61.9694, -61.2537



30.1069, 83.9604, 10.9423



30.1069, -35.8587, 20.1478



30.1069, -40.9903, -12.1068

Sweetspot

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



30.1069, 61.9687, -61.2520



67.6769, 27.9655, -23.0717



20.4511, 37.1823, -105.8265



30.3246, 15.1184, -12.6145



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



30.1069, 61.9687, -61.2520



40.4322, 83.3019, -82.8677



32.5468, 59.9225, -11.4223



29.2696, 1.8077, -1.1891



25.8333, 53.1429, -52.3187



4.7990, 9.7264, -8.5876

Inverse Universe

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



30.5527, 52.6623, 17.0956



41.1164, 70.8150, 23.4536



55.9766, -46.1950, 29.7563



29.2056, 1.1915, 1.8329



26.1826, 45.1554, 14.4621



4.7249, 8.3065, 1.3862

Previews

White Background



This preview shows how the HunterLab color 30.1063, 61.9694, -61.2537 looks on a white background.

Color Contrast Check

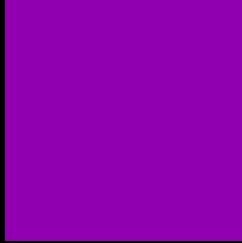
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1063, 61.9694, -61.2537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

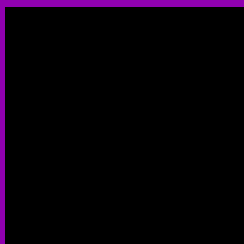
Any Text WCAG AA × Fail

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 30.1063, 61.9694, -61.2537 Background



This preview shows how black text looks on a background with the HunterLab color 30.1063, 61.9694, -61.2537.



This preview shows how white text looks on a background with the HunterLab color 30.1063, 61.9694, -61.2537.

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

30.1063, 61.9694, -61.2537

Protanopia

31.1630, 10.1009, -60.7561

Deuteranopia

30.9501, 1.5395, -42.0082



Tritanopia

30.8164, 18.8820, 6.8548

Trichromacy



Original Color

30.1063, 61.9694, -61.2537



Protanomaly

25.5787, 29.7053, -80.1331



Deuteranomaly

25.1727, 23.8806, -66.7944



Tritanomaly

28.4604, 36.5052, -13.1535

Monochromacy



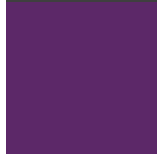
Original Color

30.1063, 61.9694, -61.2537



Achromatopsia

22.2950, -1.1896, 1.2113



Achromatomaly

21.8915, 24.2391, -21.5568

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1063, 61.9694, -61.2537 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(144, 0, 176)` looks like.

```
.text, #text, p{  
    color:rgb(144, 0, 176)  
}
```

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(144, 0, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 0, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1063, 61.9694, -61.2537 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(144, 0, 176) }
```


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

```
.border{ border-color:rgb(144, 0, 176) }
```

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

Here you see how a box with a 4 pixel rgb(144, 0, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 0, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 0, 176);  
box-shadow:4px 4px 4px 4px rgb(144, 0,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.1063, 61.9694, -61.2537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 0, 176) }
```

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

```
.background{ background-color: rgb(144, 0,  
176) }
```

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