

Converting Colors

HunterLab(28.3692, 62.7100,
-91.1778)

Have a look what the booklet for
HunterLab(28.3692, 62.7100,
-91.1778) contains.

HunterLab(28.3734, 62.6365, -90.5503)	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(28.3734, 62.6365,
-90.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	7900C4
RGB	121, 0, 196
RGB Percent	47%, 0%, 77%
CMY	0.5255, 1.0000, 0.2314
CMYK	0.38, 1.00, 0.00, 0.23
HSL	277°, 100%, 38%
HSV	277°, 100%, 77%
XYZ	17.8490, 8.0505, 52.8378
YIQ	58.5230, 9.2000, 86.6080

Conversions

Conversions Part 2

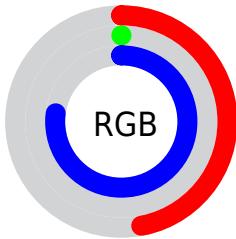
Format	Color
R_{YB}	121, 0, 196
Decimal	7930052
CIE _{Lab}	34.09, 70.43, -70.81
CIE _{LCh}	34, 99.871, 314.848
Yxy	8.0507, 0.2267, 0.1022
Android (android.graphics.Color)	4286120132 (0xFF7900C4)
YUV	58.5230, 67.7762, 54.7923
Hunter-Lab	28.3734, 62.6365, -90.5503

Details

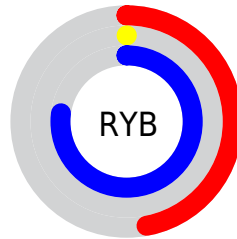
The HunterLab color **28.3734, 62.6365, -90.5503** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **64.0124, -48.8854, 38.5883**, and the grayscale version is **20.5221, -1.0950, 1.1150**.

A 20% lighter version of the original color is **46.9339, 67.3178, -88.3523**, and **16.9816, 40.4057, -76.8102** is the 20% darker color. If you saturate the color by 10%, you get **28.3738, 62.6372, -90.5488**, and if you desaturate by 10%, it is **30.1665, 60.7293, -82.9925**.

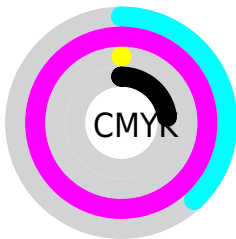
Distribution



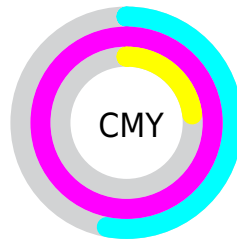
- Red (47%)
- Green (0%)
- Blue (77%)



- Red (47%)
- Yellow (0%)
- Blue (77%)



- Cyan (38%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (53%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3734, 62.6365, -90.5503 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 28.3734, 62.6365, -90.5503 by changing the saturation by 10% instead.

28.3734, 62.6365,
-90.5503

28.3734, 62.6365,
-90.5503

132.7138, 81.2481,
-92.3734

20.3161, 60.5762,
-94.5953

46.9658, 67.2236,
-88.0691

13.2102, 59.2284,
-103.5500

57.3676, 69.4900,
-88.0577

6.7276, 66.3291,
-135.9061

68.4409, 71.6802,
-88.4302

0.0000, INF, -NF

80.1472, 73.7807,
-89.0348

0.0000, NaN, -NF

92.4538, 75.7868,
-89.7799

0.0000, NaN, -NF

105.3329, 77.6985,

0.0000, NaN, NaN

-90.6078

118.7601, 79.5178,
-91.4807

28.3734, 62.6365,
-90.5503

28.3734, 62.6365,
-90.5503

28.3738, 62.6372,
-90.5488

30.1665, 60.7293,
-82.9925

32.6868, 56.6573,
-73.5966

36.0244, 50.5872,
-62.8696

40.0885, 43.2972,
-51.7790

44.7673, 35.4189,
-40.9615

■ 49.9556, 27.3535,
-30.7220

■ 55.5656, 19.3153,
-21.1479

■ 61.5271, 11.4009,
-12.2136

■ 67.7854, 3.6415,
-3.8469

Harmonies

Analogous

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



28.3738, 17.7126, -154.1356



28.3734, 62.6365, -90.5503



28.3738, 96.0430, -20.5936

Triad

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



28.3738, 62.6372, -90.5488



28.3738, 18.1428, 19.8617



28.3738, -41.5194, -20.0425

Complementary

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



28.3734, 62.6365, -90.5503



64.0124, -48.8854, 38.5883

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.



28.3738, -41.4913, 13.6401



28.3734, 62.6365, -90.5503



28.3738, -16.6851, 19.8617

Square

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



28.3738, 62.6372, -90.5488



28.3738, 63.0796, 19.8617



28.3738, -34.9298, 19.8617



28.3738, -35.0435, -89.7592

Rectangle

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



28.3734, 62.6365, -90.5503



28.3738, 100.4462, 6.4071



28.3738, -34.9298, 19.8617



28.3738, -42.1131, -4.3678

Sweetspot

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



28.3738, 62.6372, -90.5488



74.4211, 26.5034, -29.0504



30.0597, 21.5577, -84.1088



32.9101, 14.3994, -15.9506

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



28.3738, 62.6372, -90.5488



37.9884, 84.0615, -122.7782



38.4163, 73.6562, -36.1601



31.6999, 1.4646, -1.5476



22.8553, 50.3448, -72.0862



5.1410, 10.9564, -13.3614

Inverse Universe

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



34.9911, 61.3750, 11.3576



47.0466, 82.4259, 16.0035



62.8820, -53.5731, 37.0520



31.8438, 1.6127, 1.2566



28.0763, 49.2996, 8.6994



5.9503, 10.6649, 0.1647

Previews

White Background



This preview shows how the HunterLab color 28.3734, 62.6365, -90.5503 looks on a white background.

Color Contrast Check

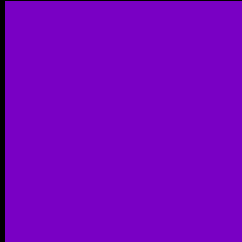
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3734, 62.6365, -90.5503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

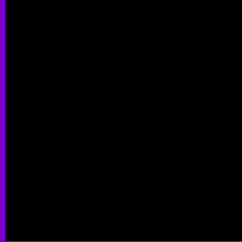
Any Text WCAG AA × Fail

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 28.3734, 62.6365, -90.5503 Background



This preview shows how black text looks on a background with the HunterLab color 28.3734, 62.6365, -90.5503.



This preview shows how white text looks on a background with the HunterLab color 28.3734, 62.6365, -90.5503.

-90.5503.

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

28.3734, 62.6365, -90.5503

Protanopia

29.2651, 9.3931, -56.8558

Deuteranopia

29.1730, -0.3745, -35.6553



Tritanopia

29.1781, 5.3051, 1.8515

Trichromacy



Original Color

28.3734, 62.6365, -90.5503

Protanomaly

24.7335, 30.7505, -85.1877

Deuteranomaly

24.1208, 24.1593, -69.8858

Tritanomaly

25.8667, 28.0010, -26.5230

Monochromacy



Original Color

28.3734, 62.6365, -90.5503

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.6983, 23.5684, -28.2766

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3734, 62.6365, -90.5503 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(121, 0, 196)` looks like.

```
.text, #text, p{  
    color:rgb(121, 0, 196)  
}
```

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(121, 0, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 0, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3734, 62.6365, -90.5503 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(121, 0, 196) }
```


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

```
.border{ border-color:rgb(121, 0, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 0, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 0, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 0, 196);  
box-shadow:4px 4px 4px 4px rgb(121, 0,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.3734, 62.6365, -90.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 0, 196) }
```

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

```
.background{ background-color: rgb(121, 0,  
196) }
```

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](#)