

Converting Colors

HunterLab(30.8217, 29.1178,
-42.8117)

Have a look what the booklet for
HunterLab(30.8217, 29.1178,
-42.8117) contains.

HunterLab(30.8228, 29.2708, -42.7182)	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(30.8228, 29.2708,
-42.7182)**

Conversions

Conversions Part 1

Format	Color
Hex	6D419E
RGB	109, 65, 158
RGB Percent	43%, 25%, 62%
CMY	0.5725, 0.7451, 0.3804
CMYK	0.31, 0.59, 0.00, 0.38
HSL	268°, 42%, 44%
HSV	268°, 59%, 62%
XYZ	14.3686, 9.5004, 33.4243
YIQ	88.7580, -3.6290, 38.2510

Conversions

Conversions Part 2

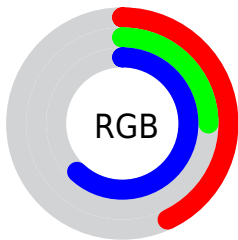
Format	Color
R_{YB}	109, 65, 158
Decimal	7160222
CIE _{Lab}	36.93, 38.21, -43.66
CIE _{LCh}	37, 58.013, 311.192
Yxy	9.5008, 0.2508, 0.1658
Android (android.graphics.Color)	4285350302 (0xFF6D419E)
YUV	88.7580, 34.1363, 17.7522
Hunter-Lab	30.8228, 29.2708, -42.7182

Details

The HunterLab color $[30.8228, 29.2708, -42.7182]$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $[53.3038, -25.9034, 26.8291]$, and the grayscale version is $[31.3977, -1.6753, 1.7059]$.

A 20% lighter version of the original color is $[49.8519, 31.7973, -43.5937]$, and $[15.1071, 25.9393, -43.7519]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.2586, 34.8673, -52.9529]$, and if you desaturate by 10%, it is $[34.8263, 23.5185, -33.1994]$.

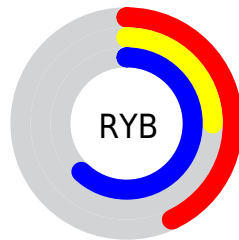
Distribution



Red (43%)

Green (25%)

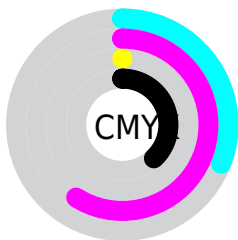
Blue (62%)



Red (43%)

Yellow (25%)

Blue (62%)

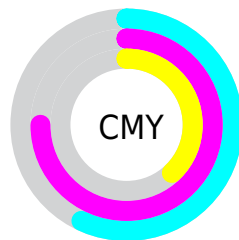


Cyan (31%)

Magenta (59%)

Yellow (0%)

Black (38%)



Cyan (57%)

Magenta (75%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.8228, 29.2708, -42.7182 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 30.8228, 29.2708, -42.7182 by changing the saturation by 10% instead.

30.8228, 29.2708,
-42.7182

30.8228, 29.2708,
-42.7182

136.7739, 38.5990,
-48.2844

22.5150, 27.6791,
-42.6423

49.8520, 32.0756,
-43.7906

15.1260, 25.9926,
-43.4582

60.4491, 33.2961,
-44.4778

8.7597, 24.5539,
-46.9094

71.7059, 34.4069,
-45.1805

0.0000, INF, -NF

0.0000, NaN, -NF

83.5860, 35.4171,
-45.8710

0.0000, NaN, -NF

96.0580, 36.3346,
-46.5336

0.0000, NaN, NaN

109.0953, 37.1668,

0.0000, NaN, NaN

-47.1596

0.0000, NaN, NaN

122.6742, 37.9197,
-47.7440

■ 30.8228, 29.2708,
-42.7182

■ 30.8228, 29.2708,
-42.7182

■ 27.2586, 34.8673,
-52.9529

■ 34.8263, 23.5185,
-33.1994

■ 24.2329, 39.9127,
-63.5141

■ 39.1839, 17.8105,
-24.4896

■ 21.8508, 43.7799,
-73.5422

■ 43.8318, 12.2268,
-16.5332

■ 20.0802, 46.1809,
-82.3308

■ 48.7208, 6.7867,
-9.2250

■ 19.8862, 46.4692,
-83.3769

■ 53.8139, 1.4819,
-2.4540

■ 59.0826, -3.7064,
3.8800

■ 64.5050, -8.7988,
9.8609

■ 70.0638, -13.8151,
15.5573

■ 75.7452, -18.7726,
21.0246

Harmonies

Analogous

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



30.8234, 6.4846, -63.5885



30.8228, 29.2708, -42.7182



30.8234, 45.9337, -13.2356

Triad

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



30.8234, 29.2706, -42.7171



30.8234, 12.2982, 20.3985



30.8234, -31.8297, -6.6336

Complementary

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



30.8228, 29.2708, -42.7182



53.3038, -25.9034, 26.8291

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.



30.8234, -31.0480, 11.5763



30.8228, 29.2708, -42.7182



30.8234, -9.0130, 20.6667

Square

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



30.8234, 29.2706, -42.7171



30.8234, 34.4831, 17.6668



30.8234, -23.7642, 18.7520



30.8234, -26.2877, -35.2368

Rectangle

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



30.8228, 29.2708, -42.7182



30.8234, 49.2352, 2.4565



30.8234, -23.7642, 18.7520



30.8234, -32.2495, 0.8782

Sweetspot

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



30.8234, 29.2706, -42.7171



65.9978, 8.7783, -11.9517



39.7029, -4.5727, -23.9219



30.4550, 5.1213, -6.9269



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



30.8234, 29.2706, -42.7171



35.2046, 49.5071, -76.3735



36.3431, 42.2947, -29.6376



25.6543, 0.8063, -1.2956



17.8617, 41.6574, -74.2608



2.8647, 6.1399, -7.7147

Inverse Universe

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



35.0212, 35.6985, -4.7466



42.6998, 57.9778, -5.6222



51.0570, -34.9081, 25.0422



25.8875, 1.3895, 0.6028



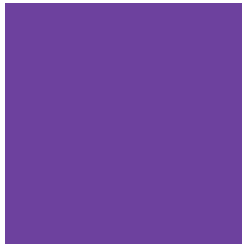
25.1656, 45.1283, 0.5136



3.4894, 6.4820, -1.6696

Previews

White Background



This preview shows how the HunterLab color 30.8228, 29.2708, -42.7182 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 30.8228, 29.2708, -42.7182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

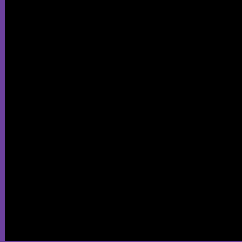
Any Text WCAG AA × Fail

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 30.8228, 29.2708, -42.7182 Background



This preview shows how black text looks on a background with the HunterLab color 30.8228, 29.2708, -42.7182.



This preview shows how white text looks on a background with the HunterLab color 30.8228, 29.2708, -42.7182.

-42.7182.

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

30.8228, 29.2708, -42.7182

Protanopia

31.0373, 11.0051, -61.1423

Deuteranopia

30.9365, 2.4324, -38.6523



Tritanopia

30.9284, 2.6640, 0.5616

Trichromacy



Original Color

30.8228, 29.2708, -42.7182

Protanomaly

29.7529, 14.9869, -58.1807

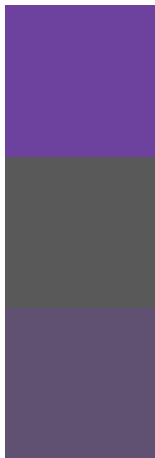
Deuteranomaly

30.0561, 10.2870, -42.4719

Tritanomaly

30.5160, 11.6143, -12.5063

Monochromacy



Original Color

30.8228, 29.2708, -42.7182

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

30.7230, 8.5747, -11.6405

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.8228, 29.2708, -42.7182 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(109, 65, 158)` looks like.

```
.text, #text, p{  
    color:rgb(109, 65, 158)  
}
```

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(109, 65, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 65, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 30.8228, 29.2708, -42.7182 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(109, 65, 158) }
```


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

```
.border{ border-color:rgb(109, 65, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 65, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 65, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 65, 158);  
box-shadow:4px 4px 4px 4px rgb(109, 65,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.8228, 29.2708, -42.7182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 65, 158) }
```

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

```
.background{ background-color: rgb(109, 65,  
158) }
```

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