

Converting Colors

HunterLab(29.8130, 12.0585,
-56.8494)

Have a look what the booklet for
HunterLab(29.8130, 12.0585,
-56.8494) contains.

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Color

**HunterLab(29.7226, 12.3129,
-57.3314)**

Conversions

Conversions Part 1

Format	Color
Hex	224FAA
RGB	34, 79, 170
RGB Percent	13%, 31%, 67%
CMY	0.8666, 0.6902, 0.3333
CMYK	0.80, 0.54, 0.00, 0.33
HSL	220°, 67%, 40%
HSV	220°, 80%, 67%
XYZ	10.7114, 8.8343, 39.1709
YIQ	75.9190, -56.0310, 18.7610

Conversions

Conversions Part 2

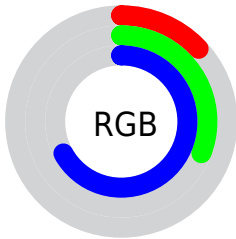
Format	Color
R_{YB}	34, 68, 170
Decimal	2248618
CIE _{Lab}	35.66, 18.83, -53.17
CIE _{LCh}	36, 56.403, 289.499
Yxy	8.8346, 0.1824, 0.1505
Android (android.graphics.Color)	4280438698 (0xFF224FAA)
YUV	75.9190, 46.3819, -36.7630
Hunter-Lab	29.7226, 12.3129, -57.3314

Details

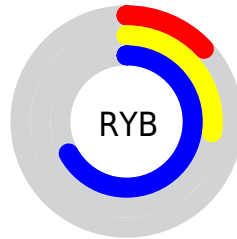
The HunterLab color **29.7226, 12.3129, -57.3314** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **48.3030, 4.9050, 27.9913**, and the grayscale version is **26.7092, -1.4251, 1.4512**.

A 20% lighter version of the original color is **48.6786, 13.1351, -57.4107**, and **15.9565, 15.0525, -52.4383** is the 20% darker color. If you saturate the color by 10%, you get **26.6655, 17.1400, -67.8283**, and if you desaturate by 10%, it is **33.1396, 8.3085, -47.4742**.

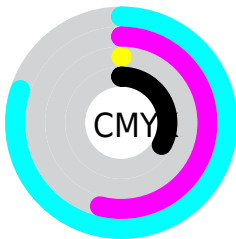
Distribution



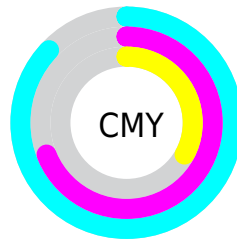
- Red (13%)
- Green (31%)
- Blue (67%)



- Red (13%)
- Yellow (27%)
- Blue (67%)



- Cyan (80%)
- Magenta (54%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (69%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7226, 12.3129, -57.3314 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 29.7226, 12.3129, -57.3314 by changing the saturation by 10% instead.

■ 29.7226, 12.3129,
-57.3314

■ 29.7226, 12.3129,
-57.3314

■ 134.9588, 14.6300,
-62.8337

■ 21.5254, 11.5819,
-58.1558

■ 48.5582, 13.4064,
-57.7349

■ 14.2613, 10.6956,
-60.8237

■ 59.0687, 13.8004,
-58.3487

■ 7.9184, 10.3565,
-70.0418

■ 70.2441, 14.1089,
-59.0667

0.0000, INF, -NF

■ 82.0470, 14.3409,
-59.8309

0.0000, NaN, -NF

■ 94.4456, 14.5035,
-60.6069

0.0000, NaN, -NF

■ 107.4126, 14.6028,

0.0000, NaN, NaN

-61.3738

0.0000, NaN, NaN

120.9240, 14.6436,
-62.1188

■ 29.7226, 12.3129,
-57.3314

■ 29.7226, 12.3129,
-57.3314

■ 26.6655, 17.1400,
-67.8283

■ 33.1396, 8.3085,
-47.4742

■ 23.9893, 22.6210,
-78.8151

■ 36.8588, 5.0758,
-38.3735

■ 23.9876, 22.6247,
-78.8225

■ 40.8326, 2.5200,
-30.0163

■ 45.0219, 0.5362,
-22.3312

■ 49.3959, -0.9715,
-15.2275

■ 53.9302, -2.0846,
-8.6151

■ 58.6051, -2.8705,
-2.4129

■ 63.4051, -3.3832,
3.4485

■ 68.3174, -3.6667,
9.0275

Harmonies

Analogous

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



29.7230, -8.2536, -61.1657



29.7226, 12.3129, -57.3314



29.7230, 33.5200, -33.1247

Triad

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



29.7230, 12.3140, -57.3306



29.7230, 27.6160, 18.1311



29.7230, -30.6591, 7.5239

Complementary

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



29.7226, 12.3129, -57.3314



48.3030, 4.9050, 27.9913

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.



29.7230, -25.4724, 16.8900



29.7226, 12.3129, -57.3314



29.7230, 5.7233, 19.9650

Square

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



29.7230, 12.3140, -57.3306



29.7230, 43.8419, 11.3941



29.7230, -13.3265, 19.6456



29.7230, -29.7696, -13.3012

Rectangle

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



29.7226, 12.3129, -57.3314



29.7230, 43.4905, -14.1880



29.7230, -13.3265, 19.6456



29.7230, -29.6365, 11.7619

Sweetspot

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



29.7230, 12.3140, -57.3306



69.9058, -2.2013, -15.4863



55.2831, -36.3159, 12.7392



32.0150, -0.7850, -8.7834



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



29.7230, 12.3140, -57.3306



33.1107, 28.8289, -102.6516



22.1526, 37.7578, -87.4749



27.7325, -1.3718, -0.9331



20.7983, 18.8117, -66.6052



4.4548, 0.3427, -6.3079

Inverse Universe

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



32.0239, 47.4181, 6.8678



40.3335, 69.2565, 15.0986



59.2447, -23.0624, 34.5872



27.5349, 1.2744, 1.2582



25.5103, 44.5540, 9.7641



4.0956, 7.3750, -0.1527

Previews

White Background



This preview shows how the HunterLab color 29.7226, 12.3129, -57.3314 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 29.7226, 12.3129, -57.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

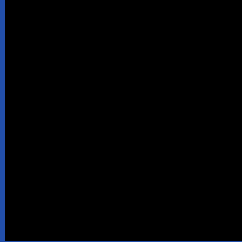
Any Text WCAG AA × Fail

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 29.7226, 12.3129, -57.3314 Background



This preview shows how black text looks on a background with the HunterLab color 29.7226, 12.3129, -57.3314.



This preview shows how white text looks on a background with the HunterLab color 29.7226, 12.3129, -57.3314.

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

29.7226, 12.3129, -57.3314

Protanopia

29.4578, 10.3733, -59.2126

Deuteranopia

29.6542, 0.3119, -37.7384



Tritanopia

29.5458, -14.4506, -5.7350

Trichromacy



Original Color

29.7226, 12.3129, -57.3314

Protanomaly

29.5901, 10.7793, -58.7770

Deuteranomaly

29.4363, 4.5513, -45.1327

Tritanomaly

29.2203, -6.2789, -21.4725

Monochromacy



Original Color

29.7226, 12.3129, -57.3314

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.2500, 0.7387, -15.2925

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7226, 12.3129, -57.3314 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(34, 79, 170)` looks like.

```
.text, #text, p{  
    color:rgb(34, 79, 170)  
}
```

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(34, 79, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 79, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7226, 12.3129, -57.3314 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(34, 79, 170) }
```


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

```
.border{ border-color:rgb(34, 79, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 79, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 79, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 79, 170);  
box-shadow:4px 4px 4px 4px rgb(34, 79,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.7226, 12.3129, -57.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 79, 170) }
```

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

```
.background{ background-color: rgb(34, 79,  
170) }
```

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](#).

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