

Converting Colors

HunterLab(29.9287, 32.4519,
-30.1414)

Have a look what the booklet for
HunterLab(29.9287, 32.4519,
-30.1414) contains.

HunterLab(29.9287, 32.4519, -30.1414)	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(29.9287, 32.4519,
-30.1414)**

Conversions

Conversions Part 1

Format	Color
Hex	7A398C
RGB	122, 57, 140
RGB Percent	48%, 22%, 55%
CMY	0.5216, 0.7765, 0.4510
CMYK	0.13, 0.59, 0.00, 0.45
HSL	287°, 42%, 39%
HSV	287°, 59%, 55%
XYZ	14.2228, 8.9573, 25.7902
YIQ	85.8970, 12.0970, 39.5930

Conversions

Conversions Part 2

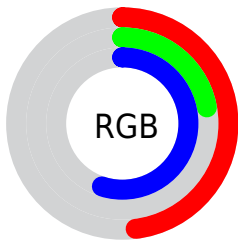
Format	Color
R _Y B	122, 57, 140
Decimal	8010124
CIE _{Lab}	35.90, 41.74, -34.26
CIE _{LCh}	36, 53.995, 320.619
Y _{xy}	8.9576, 0.2904, 0.1829
Android (android.graphics.Color)	4286200204 (0xFF7A398C)
YUV	85.8970, 26.6728, 31.6623
Hunter-Lab	29.9287, 32.4519, -30.1414

Details

The HunterLab color $29.9287, 32.4519, -30.1414$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $45.3295, -28.0619, 22.3770$, and the grayscale version is $30.3709, -1.6205, 1.6501$.

A 20% lighter version of the original color is $48.8367, 35.1689, -31.2549$, and $14.3763, 28.8606, -29.6143$ is the 20% darker color. If you saturate the color by 10%, you get $27.4607, 37.7504, -35.9872$, and if you desaturate by 10%, it is $32.8071, 26.6491, -24.1572$.

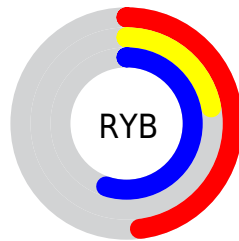
Distribution



Red (48%)

Green (22%)

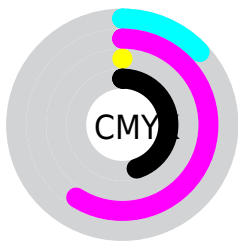
Blue (55%)



Red (48%)

Yellow (22%)

Blue (55%)

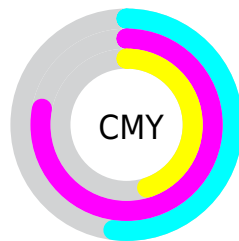


Cyan (13%)

Magenta (59%)

Yellow (0%)

Black (45%)



Cyan (52%)

Magenta (78%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9287, 32.4519, -30.1414 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 29.9287, 32.4519, -30.1414 by changing the saturation by 10% instead.

29.9287, 32.4519,
-30.1414

29.9287, 32.4519,
-30.1414

135.3003, 43.0421,
-34.7041

21.7108, 30.7296,
-29.7055

48.8012, 35.5485,
-31.3440

14.4229, 28.9561,
-29.6972

59.3280, 36.9167,
-31.9552

8.0837, 28.2226,
-31.6344

70.5188, 38.1730,
-32.5335

0.0000, INF, -NF

0.0000, NaN, -NF

82.3362, 39.3254,
-33.0679

0.0000, NaN, NaN

94.7487, 40.3819,
-33.5533

0.0000, NaN, NaN

107.7290, 41.3493,

0.0000, NaN, NaN

-33.9878

0.0000, NaN, NaN

121.2532, 42.2342,
-34.3712

■ 29.9287, 32.4519,
-30.1414

■ 29.9287, 32.4519,
-30.1414

■ 27.4607, 37.7504,
-35.9872

■ 32.8071, 26.6491,
-24.1572

■ 25.4568, 42.1605,
-41.3617

■ 36.0358, 20.6277,
-18.2556

■ 23.9558, 45.2627,
-45.8529

■ 39.5622, 14.5642,
-12.5501

■ 22.8496, 47.1722,
-49.4739

■ 43.3413, 8.5562,
-7.0846

■ 22.7714, 47.3116,
-49.7407

■ 47.3357, 2.6487,
-1.8625

■ 51.5155, -3.1434,
3.1331

■ 55.8565, -8.8218,
7.9278

■ 60.3391, -14.3961,
12.5490

■ 64.9476, -19.8792,
17.0226

Harmonies

Analogous

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



29.9293, 12.4807, -53.0709



29.9287, 32.4519, -30.1414



29.9293, 43.9995, -4.6504

Triad

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



29.9293, 32.4511, -30.1403



29.9293, 4.6328, 19.7556



29.9293, -28.8216, -13.4900

Complementary

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



29.9287, 32.4519, -30.1414



45.3295, -28.0619, 22.3770

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.



29.9293, -29.9208, 6.7874



29.9287, 32.4519, -30.1414



29.9293, -13.4768, 19.3765

Square

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



29.9293, 32.4511, -30.1403



29.9293, 25.4828, 18.0148



29.9293, -25.0451, 16.4084



29.9293, -21.5358, -39.9727

Rectangle

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



29.9287, 32.4519, -30.1414



29.9293, 43.7881, 7.3843



29.9293, -25.0451, 16.4084



29.9293, -29.8406, -5.5594

Sweetspot

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



29.9293, 32.4511, -30.1403



58.0169, 10.6454, -8.7667



28.2546, 7.6086, -34.5204



27.2019, 6.1051, -5.1009



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



29.9293, 32.4511, -30.1403



35.5369, 52.1623, -50.1703



31.3159, 33.7787, -12.4840



22.5282, 1.2190, -0.8504



21.4852, 44.6245, -46.8163



1.9222, 3.8733, -3.2649

Inverse Universe

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



30.0167, 28.0400, 5.8381



35.9387, 45.2865, 10.2952



44.9363, -29.0569, 17.3867



22.5060, 0.8607, 1.3169



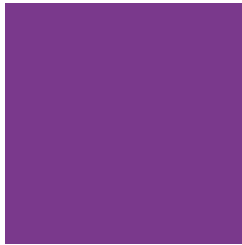
22.4534, 38.8418, 11.4879



1.8797, 3.3480, 0.2151

Previews

White Background



This preview shows how the HunterLab color 29.9287, 32.4519, -30.1414 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 29.9287, 32.4519, -30.1414 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 29.9287, 32.4519, -30.1414 Background



This preview shows how black text looks on a background with the HunterLab color 29.9287, 32.4519, -30.1414.



This preview shows how white text looks on a background with the HunterLab color 29.9287, 32.4519, -30.1414.

-30.1414.

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

29.9287, 32.4519, -30.1414

Protanopia

30.2399, 9.4832, -50.9943

Deuteranopia

30.1929, 2.1971, -26.3682



Tritanopia

29.9546, 11.1628, 4.0119

Trichromacy



Original Color

29.9287, 32.4519, -30.1414

Protanomaly

28.9730, 15.6330, -46.2374

Deuteranomaly

29.3047, 12.2161, -29.6123

Tritanomaly

29.6426, 18.0893, -6.0435

Monochromacy



Original Color

29.9287, 32.4519, -30.1414

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

29.5388, 10.3265, -8.9869

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9287, 32.4519, -30.1414 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(122, 57, 140)` looks like.

```
.text, #text, p{  
    color:rgb(122, 57, 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(122, 57, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 57, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9287, 32.4519, -30.1414 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(122, 57, 140) }
```


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

```
.border{ border-color:rgb(122, 57, 140) }
```

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

Here you see how a box with a 4 pixel rgb(122, 57, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 57, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 57, 140);  
box-shadow:4px 4px 4px 4px rgb(122, 57,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.9287, 32.4519, -30.1414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 57, 140) }
```

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

```
.background{ background-color: rgb(122, 57,  
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