

Converting Colors

HunterLab(35.7994, 27.4167,
-96.6275)

Have a look what the booklet for
HunterLab(35.7994, 27.4167,
-96.6275) contains.

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Color

**HunterLab(35.7474, 27.5728,
-96.8272)**

Conversions

Conversions Part 1

Format	Color
Hex	2957E2
RGB	41, 87, 226
RGB Percent	16%, 34%, 89%
CMY	0.8391, 0.6588, 0.1137
CMYK	0.82, 0.62, 0.00, 0.11
HSL	225°, 76%, 52%
HSV	225°, 82%, 89%
XYZ	18.0501, 12.7788, 73.4666
YIQ	89.0920, -72.0350, 33.4770

Conversions

Conversions Part 2

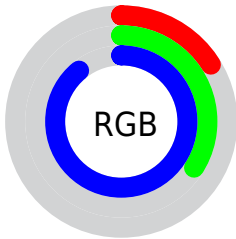
Format	Color
R _Y B	41, 78, 226
Decimal	2709474
CIE Lab	42.43, 35.56, -74.68
CIE LCh	42, 82.711, 295.459
Yxy	12.7790, 0.1731, 0.1225
Android (android.graphics.Color)	4280899554 (0xFF2957E2)
YUV	89.0920, 67.4956, -42.1767
Hunter-Lab	35.7474, 27.5728, -96.8272

Details

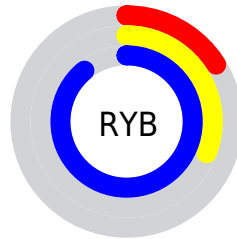
The HunterLab color **35.7474, 27.5728, -96.8272** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **69.9852, 0.1808, 41.3491**, and the grayscale version is **31.4209, -1.6765, 1.7072**.

A 20% lighter version of the original color is **53.5536, 20.6915, -71.3800**, and **21.4297, 29.3453, -90.1333** is the 20% darker color. If you saturate the color by 10%, you get **31.6324, 35.9240, -114.7417**, and if you desaturate by 10%, it is **40.5773, 20.3379, -79.7737**.

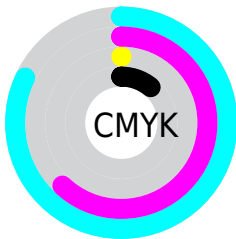
Distribution



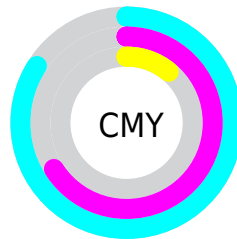
- Red (16%)
- Green (34%)
- Blue (89%)



- Red (16%)
- Yellow (31%)
- Blue (89%)



- Cyan (82%)
- Magenta (62%)
- Yellow (0%)
- Black (11%)



- Cyan (84%)
- Magenta (66%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.7474, 27.5728, -96.8272 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 35.7474, 27.5728, -96.8272 by changing the saturation by 10% instead.

■ 35.7474, 27.5728,
-96.8272

■ 35.7474, 27.5728,
-96.8272

■ 144.7400, 35.5279,
-100.1163

■ 26.9751, 26.1545,
-99.5073

■ 55.5934, 30.0309,
-95.3210

■ 19.0674, 24.6050,
-105.1255

■ 66.5581, 31.0853,
-95.4928

■ 12.1323, 22.9713,
-117.3865

■ 78.1617, 32.0371,
-95.9730

■ 5.1850, 30.7257,
-184.1167

■ 90.3707, 32.8951,
-96.6451

0.0000, INF, -NF

0.0000, NaN, -NF

■ 103.1566, 33.6670,
-97.4359

0.0000, NaN, -NF

116.4943, 34.3594,

0.0000, NaN, -NF

-98.2978

0.0000, NaN, NaN

130.3620, 34.9780,
-99.1986

■ 35.7474, 27.5728,
-96.8272

■ 35.7474, 27.5728,
-96.8272

■ 31.6324, 35.9240,
-114.7417

■ 40.5773, 20.3379,
-79.7737

■ 28.8730, 43.1347,
-129.2043

■ 45.9845, 14.3128,
-64.1848

■ 51.8577, 9.3890,
-50.1451

■ 58.1108, 5.3922,
-37.5098

■ 64.6792, 2.1507,
-26.0640

■ 71.5141, -0.4818,
-15.5947

■ 78.5784, -2.6237,
-5.9162

■ 85.8437, -4.3679,
3.1248

■ 93.2873, -5.7875,
11.6520

Harmonies

Analogous

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



35.7478, -6.5180, -113.7513



35.7474, 27.5728, -96.8272



35.7478, 61.8291, -47.6160

Triad

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



35.7478, 27.5748, -96.8262



35.7478, 38.6719, 24.4412



35.7478, -44.1035, 6.1598

Complementary

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



35.7474, 27.5728, -96.8272



69.9852, 0.1808, 41.3491

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.



35.7478, -39.0161, 21.5000



35.7474, 27.5728, -96.8272



35.7478, 2.9454, 25.0234

Square

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



35.7478, 27.5748, -96.8262



35.7478, 69.6228, 18.7715



35.7478, -24.1406, 25.0234



35.7478, -41.4447, -32.1285

Rectangle

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



35.7474, 27.5728, -96.8272



35.7478, 76.2682, -15.4697



35.7478, -24.1406, 25.0234



35.7478, -43.3113, 13.4776

Sweetspot

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



35.7478, 27.5748, -96.8262



79.3733, 0.3803, -21.7537



76.2561, -48.4192, 12.6698



35.4393, 0.6700, -12.0289

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



35.7478, 27.5748, -96.8262



33.6053, 48.1356, -145.3669



30.1945, 56.3849, -121.6918



37.1403, -1.4231, -1.7038



22.1684, 31.4383, -95.5748



6.9363, 5.2276, -19.9547

Inverse Universe

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



42.9465, 65.6516, 15.1648



46.6675, 80.1838, 23.3700



80.1418, -36.9851, 47.1823



37.0893, 1.7319, 2.0467



30.6662, 53.1033, 15.2691



8.1610, 14.3026, 2.7421

Previews

White Background



This preview shows how the HunterLab color 35.7474, 27.5728, -96.8272 looks on a white background.

Color Contrast Check

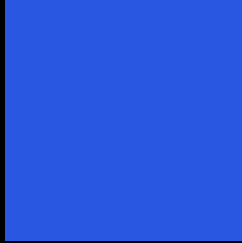
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 35.7474, 27.5728, -96.8272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

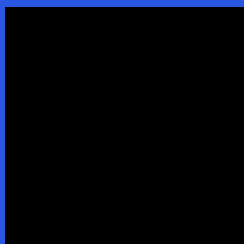
Any Text WCAG AA × Fail

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 35.7474, 27.5728, -96.8272 Background



This preview shows how black text looks on a background with the HunterLab color 35.7474, 27.5728, -96.8272.



This preview shows how white text looks on a background with the HunterLab color 35.7474, 27.5728, -96.8272.

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

35.7474, 27.5728, -96.8272

Protanopia

35.6055, 12.7006, -71.9208

Deuteranopia

35.4383, 0.3972, -45.1523



Tritanopia

35.2650, -17.2378, -6.8668

Trichromacy



Original Color

35.7474, 27.5728, -96.8272

Protanomaly

35.5435, 17.4943, -80.5935

Deuteranomaly

35.3570, 9.2956, -62.6532

Tritanomaly

34.6967, -3.9531, -33.1973

Monochromacy



Original Color

35.7474, 27.5728, -96.8272

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

31.9707, 4.4754, -25.5199

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.7474, 27.5728, -96.8272 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(41, 87, 226)` looks like.

```
.text, #text, p{  
    color:rgb(41, 87, 226)  
}
```

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(41, 87, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 87, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 35.7474, 27.5728, -96.8272 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(41, 87, 226) }
```


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

```
.border{ border-color:rgb(41, 87, 226) }
```

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

Here you see how a box with a 4 pixel rgb(41, 87, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 87, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 87, 226);  
box-shadow:4px 4px 4px 4px rgb(41, 87,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.7474, 27.5728, -96.8272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 87, 226) }
```

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

```
.background{ background-color: rgb(41, 87,  
226) }
```

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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