

Converting Colors

HunterLab(33.1778, 29.5153,
-96.3541)

Have a look what the booklet for
HunterLab(33.1778, 29.5153,
-96.3541) contains.

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Color

**HunterLab(33.1242, 29.5741,
-96.5724)**

Conversions

Conversions Part 1

Format	Color
Hex	2B4ED9
RGB	43, 78, 217
RGB Percent	17%, 31%, 85%
CMY	0.8313, 0.6941, 0.1490
CMYK	0.80, 0.64, 0.00, 0.15
HSL	228°, 70%, 51%
HSV	228°, 80%, 85%
XYZ	16.2450, 10.9721, 66.9073
YIQ	83.3810, -65.4790, 35.8090

Conversions

Conversions Part 2

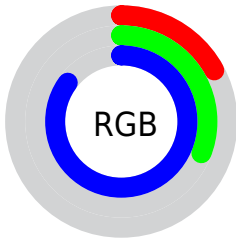
Format	Color
R_{YB}	43, 72, 217
Decimal	2838233
CIE _{Lab}	39.53, 38.11, -74.29
CIE _{LCh}	40, 83.492, 297.161
Yxy	10.9724, 0.1726, 0.1166
Android (android.graphics.Color)	4281028313 (0xFF2B4ED9)
YUV	83.3810, 65.8742, -35.4141
Hunter-Lab	33.1242, 29.5741, -96.5724

Details

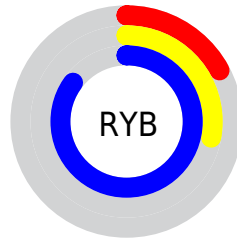
The HunterLab color **33.1242, 29.5741, -96.5724** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **69.5624, -4.2526, 40.8403**, and the grayscale version is **29.3361, -1.5653, 1.5939**.

A 20% lighter version of the original color is **51.2350, 25.6941, -77.4610**, and **19.4301, 30.6178, -90.3810** is the 20% darker color. If you saturate the color by 10%, you get **29.1105, 37.9139, -115.1011**, and if you desaturate by 10%, it is **37.9064, 22.2308, -78.9309**.

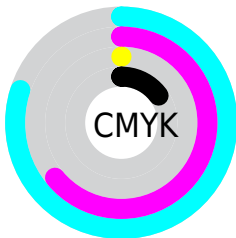
Distribution



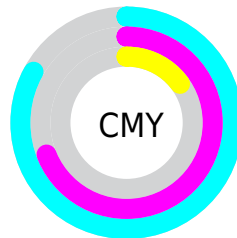
- Red (17%)
- Green (31%)
- Blue (85%)



- Red (17%)
- Yellow (28%)
- Blue (85%)



- Cyan (80%)
- Magenta (64%)
- Yellow (0%)
- Black (15%)



- Cyan (83%)
- Magenta (69%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1242, 29.5741, -96.5724 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 33.1242, 29.5741, -96.5724 by changing the saturation by 10% instead.

■ 33.1242, 29.5741,
-96.5724

■ 33.1242, 29.5741,
-96.5724

■ 140.5268, 38.6446,
-99.1320

■ 24.5932, 28.0197,
-99.8268

■ 52.5443, 32.3086,
-94.5935

■ 16.9542, 26.3541,
-106.6770

■ 63.3170, 33.4960,
-94.6633

■ 10.3273, 24.6819,
-122.1678

■ 74.7393, 34.5762,
-95.0807

0.0000, INF, -NF

0.0000, NaN, -NF

■ 86.7762, 35.5580,
-95.7136

0.0000, NaN, -NF

■ 99.3978, 36.4492,
-96.4799

0.0000, NaN, -NF

112.5782, 37.2568,

0.0000, NaN, -NF

-97.3268

0.0000, NaN, NaN

126.2946, 37.9868,
-98.2188

■ 33.1242, 29.5741,
-96.5724

■ 33.1242, 29.5741,
-96.5724

■ 29.1105, 37.9139,
-115.1011

■ 37.9064, 22.2308,
-78.9309

■ 26.0459, 46.3326,
-132.5739

■ 43.2959, 16.0438,
-62.9369

■ 49.1660, 10.9200,
-48.6764

■ 55.4223, 6.6854,
-35.9591

■ 61.9957, 3.1670,
-24.5241

■ 68.8351, 0.2185,
-14.1234

■ 75.9025, -2.2769,
-4.5474

■ 83.1689, -4.4097,
4.3729

■ 90.6116, -6.2499,
12.7708

Harmonies

Analogous

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



33.1245, -4.6323, -116.8566



33.1242, 29.5741, -96.5724



33.1245, 63.5337, -45.1392

Triad

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



33.1245, 29.5761, -96.5715



33.1245, 36.5330, 23.1872



33.1245, -42.4181, 4.4562

Complementary

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



33.1242, 29.5741, -96.5724



69.5624, -4.2526, 40.8403

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.



33.1245, -38.1127, 20.0551



33.1242, 29.5741, -96.5724



33.1245, 1.1945, 23.1872

Square

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



33.1245, 29.5761, -96.5715



33.1245, 68.4698, 18.5232



33.1245, -24.5661, 23.1872



33.1245, -39.5333, -35.2467

Rectangle

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



33.1242, 29.5741, -96.5724



33.1245, 77.2760, -13.1926



33.1245, -24.5661, 23.1872



33.1245, -41.8168, 11.9810

Sweetspot

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



33.1245, 29.5761, -96.5715



79.2820, 1.6204, -21.8696



73.0800, -44.8993, 9.5144



35.3175, 1.3462, -12.2090

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



33.1245, 29.5761, -96.5715



32.3378, 52.5003, -152.6140



30.0501, 53.3462, -110.0715



36.1097, -1.1555, -1.8276



20.5592, 35.0307, -101.3184



6.2993, 5.7327, -20.2489

Inverse Universe

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



41.2683, 61.2391, 16.1464



46.6922, 79.4287, 24.8348



76.2187, -36.5786, 44.5462



36.1858, 1.6041, 2.1991



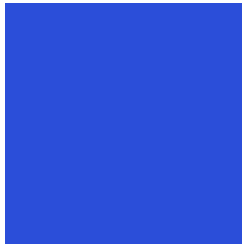
30.0840, 51.9204, 16.3333



7.7379, 13.5127, 2.9739

Previews

White Background



This preview shows how the HunterLab color 33.1242, 29.5741, -96.5724 looks on a white background.

Color Contrast Check

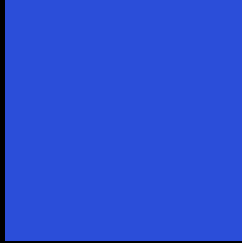
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1242, 29.5741, -96.5724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

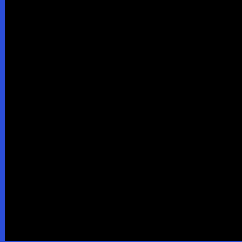
Any Text WCAG AA × Fail

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 33.1242, 29.5741, -96.5724 Background



This preview shows how black text looks on a background with the HunterLab color 33.1242, 29.5741, -96.5724.

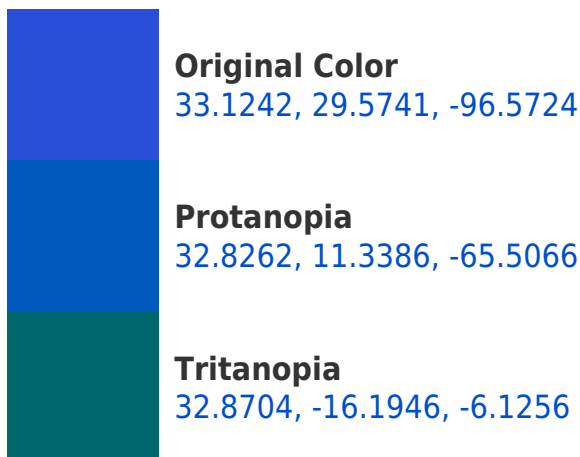


This preview shows how white text looks on a background with the HunterLab color 33.1242, 29.5741, -96.5724.

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



Trichromacy



Original Color

33.1242, 29.5741, -96.5724

Protanomaly

32.7577, 17.7135, -77.3018

Tritanomaly

32.0214, -2.7367, -32.1920

Monochromacy



Original Color

33.1242, 29.5741, -96.5724

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.6306, 5.3229, -25.3293

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1242, 29.5741, -96.5724 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(43, 78, 217)` looks like.

```
.text, #text, p{  
    color:rgb(43, 78, 217)  
}
```

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(43, 78, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 78, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1242, 29.5741, -96.5724 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(43, 78, 217) }
```

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

```
.border{ border-color:rgb(43, 78, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 78, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 78, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 78, 217);  
box-shadow:4px 4px 4px 4px rgb(43, 78,  
217) }
```


Background

The CSS property to change the background color of an element to HunterLab 33.1242, 29.5741, -96.5724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 78, 217) }
```

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

```
.background{ background-color: rgb(43, 78,  
217) }
```

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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