

Converting Colors

HunterLab(29.8805, 36.8243,
-96.8103)

Have a look what the booklet for
HunterLab(29.8805, 36.8243,
-96.8103) contains.

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Color

**HunterLab(29.9303, 36.5615,
-96.5887)**

Conversions

Conversions Part 1

Format	Color
Hex	3F3ECE
RGB	63, 62, 206
RGB Percent	25%, 24%, 81%
CMY	0.7529, 0.7569, 0.1922
CMYK	0.69, 0.70, 0.00, 0.19
HSL	240°, 60%, 53%
HSV	240°, 70%, 81%
XYZ	14.9131, 8.9582, 59.3356
YIQ	78.7150, -45.6280, 44.9960

Conversions

Conversions Part 2

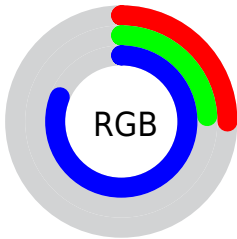
Format	Color
RYB	63, 62, 206
Decimal	4144846
CIELab	35.90, 45.96, -73.87
CIElCh	36, 87.000, 301.887
Yxy	8.9584, 0.1792, 0.1077
Android (android.graphics.Color)	4282334926 (0xFF3F3ECE)
YUV	78.7150, 62.7515, -13.7821
Hunter-Lab	29.9303, 36.5615, -96.5887

Details

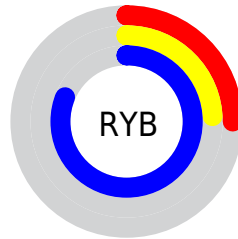
The HunterLab color **29.9303, 36.5615, -96.5887** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **75.8078, -19.3705, 42.8090**, and the grayscale version is **27.6528, -1.4755, 1.5024**.

A 20% lighter version of the original color is **48.2245, 36.9688, -85.9534**, and **16.1335, 34.8912, -95.4856** is the 20% darker color. If you saturate the color by 10%, you get **25.6395, 45.1141, -118.4414**, and if you desaturate by 10%, it is **35.2728, 28.4094, -75.9198**.

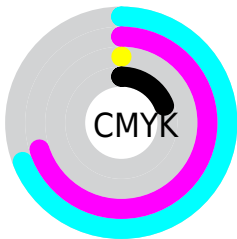
Distribution



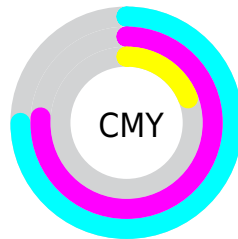
- Red (25%)
- Green (24%)
- Blue (81%)



- Red (25%)
- Yellow (24%)
- Blue (81%)



- Cyan (69%)
- Magenta (70%)
- Yellow (0%)
- Black (19%)














- Cyan (75%)
- Magenta (76%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9303, 36.5615, -96.5887 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 29.9303, 36.5615, -96.5887 by changing the saturation by 10% instead.

 29.9303, 36.5615, -96.5887	 29.9303, 36.5615, -96.5887
135.3024, 48.5015, -98.0462	 21.7119, 34.7193, -100.7545
 48.8027, 39.9574, -93.8872	 14.4239, 32.8767, -109.6627
 59.3296, 41.4809, -93.8050	 8.0847, 32.2864, -133.2126
 70.5205, 42.8922, -94.1297	0.0000, INF, -NF
 82.3380, 44.1980, -94.7049	0.0000, NaN, -NF
 94.7506, 45.4054, -95.4354	0.0000, NaN, -NF
 107.7309, 46.5211,	0.0000, NaN, NaN

-96.2603

0.0000, NaN, NaN

121.2552, 47.5512,
-97.1396

■ 29.9303, 36.5615,
-96.5887

■ 29.9303, 36.5615,
-96.5887

■ 25.6395, 45.1141,
-118.4414

■ 35.2728, 28.4094,
-75.9198

■ 22.7088, 52.5259,
-137.5439

■ 41.3940, 21.1802,
-57.7604

■ 21.1451, 57.2332,
-149.6992

■ 48.0981, 14.8779,
-42.0818

■ 21.1319, 57.2762,
-149.8089

■ 55.2523, 9.3433,
-28.4501

■ 62.7664, 4.4039,
-16.4051

■ 70.5777, -0.0839,
-5.5657

■ 78.6414, -4.2305,
4.3605

■ 86.9247, -8.1186,
13.5917

■ 95.4023, -11.8094,
22.2901

Harmonies

Analogous

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



29.9306, 0.3770, -127.1467



29.9303, 36.5615, -96.5887



29.9306, 70.6238, -38.9482

Triad

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



29.9306, 36.5634, -96.5878



29.9306, 31.7442, 20.9514



29.9306, -40.7765, -0.2863

Complementary

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



29.9303, 36.5615, -96.5887



75.8078, -19.3705, 42.8090

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.



29.9306, -37.9772, 17.8767



29.9303, 36.5615, -96.5887



29.9306, -3.5243, 20.9514

Square

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



29.9306, 36.5634, -96.5878



29.9306, 67.1391, 18.7272



29.9306, -26.9040, 20.9514



29.9306, -37.1188, -46.0441

Rectangle

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



29.9303, 36.5615, -96.5887



29.9306, 82.5249, -7.4651



29.9306, -26.9040, 20.9514



29.9306, -40.5656, 8.5411

Sweetspot

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



29.9306, 36.5634, -96.5878



78.5721, 6.4213, -22.8623



70.4437, -34.0855, -6.3368



35.1019, 3.7645, -12.5083

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



29.9306, 36.5634, -96.5878



30.4807, 62.6303, -164.1492



36.0134, 49.4621, -73.0766



32.9358, -0.1413, -2.3363



16.5877, 44.9488, -117.5117



3.7854, 10.2221, -26.5421

Inverse Universe

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



45.7976, 68.7201, -45.3418



54.7317, 99.3628, -65.6532



70.3980, -40.0998, 38.8388



33.7674, 2.6710, -1.1848



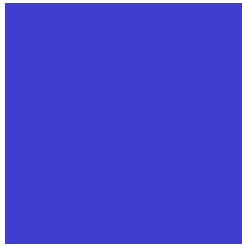
32.8353, 64.4590, -42.5604



7.4610, 14.6511, -9.7058

Previews

White Background



This preview shows how the HunterLab color 29.9303, 36.5615, -96.5887 looks on a white background.

Color Contrast Check

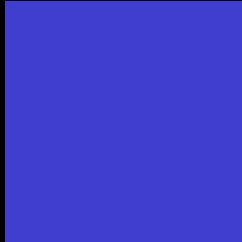
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9303, 36.5615, -96.5887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

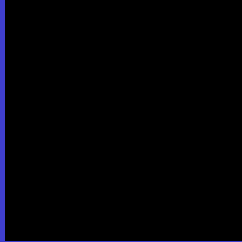
Any Text WCAG AA × Fail

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 29.9303, 36.5615, -96.5887 Background



This preview shows how black text looks on a background with the HunterLab color 29.9303, 36.5615, -96.5887.



This preview shows how white text looks on a background with the HunterLab color 29.9303, 36.5615, -96.5887.

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

29.9303, 36.5615, -96.5887

Protanopia

29.7071, 9.8604, -58.4170

Deuteranopia

29.5481, -0.2634, -36.3638



Tritanopia

29.5784, -14.2582, -6.1911

Trichromacy



Original Color

29.9303, 36.5615, -96.5887

Protanomaly

29.2240, 18.8182, -73.6643

Deuteranomaly

28.8393, 11.8907, -58.1826

Tritanomaly

28.4268, 0.6811, -33.4173

Monochromacy



Original Color

29.9303, 36.5615, -96.5887

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

27.6807, 8.5113, -24.3520

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9303, 36.5615, -96.5887 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(63, 62, 206)` looks like.

```
.text, #text, p{  
    color:rgb(63, 62, 206)  
}
```

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(63, 62, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 62, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9303, 36.5615, -96.5887 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(63, 62, 206) }
```


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

```
.border{ border-color:rgb(63, 62, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 62, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 62, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 62, 206);  
box-shadow:4px 4px 4px 4px rgb(63, 62,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.9303, 36.5615, -96.5887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 62, 206) }
```

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

```
.background{ background-color: rgb(63, 62,  
206) }
```

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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