

Converting Colors

HunterLab(36.1670, 30.3039,
-81.4757)

Have a look what the booklet for
HunterLab(36.1670, 30.3039,
-81.4757) contains.

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Color

**HunterLab(36.1670, 30.3039,
-81.4757)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5454D6 |
| RGB | 84, 84, 214 |
| RGB Percent | 33%, 33%, 84% |
| CMY | 0.6706, 0.6706, 0.1608 |
| CMYK | 0.61, 0.61, 0.00, 0.16 |
| HSL | 240°, 61%, 58% |
| HSV | 240°, 61%, 84% |
| XYZ | 18.9641, 13.0805, 65.1437 |
| YIQ | 98.8200, -41.7300, 40.4300 |

Conversions

Conversions Part 2

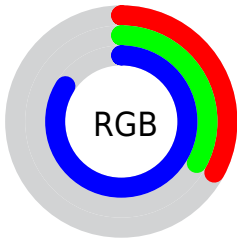
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 84, 84, 214 |
| Decimal | 5526742 |
| CIE _{Lab} | 42.88, 38.36, -67.00 |
| CIE _{LCh} | 43, 77.204, 299.792 |
| Yxy | 13.0809, 0.1951, 0.1346 |
| Android (android.graphics.Color) | 4283716822 (0xFF5454D6) |
| YUV | 98.8200, 56.7837, -12.9971 |
| Hunter-Lab | 36.1670, 30.3039, -81.4757 |

Details

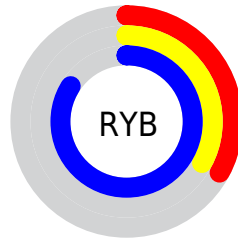
The HunterLab color **36.1670, 30.3039, -81.4757** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **79.3906, -18.9227, 42.3249**, and the grayscale version is **35.0615, -1.8708, 1.9050**.

A 20% lighter version of the original color is **55.0363, 27.7502, -67.5210**, and **19.7981, 27.5373, -84.1911** is the 20% darker color. If you saturate the color by 10%, you get **30.6755, 38.9448, -103.3794**, and if you desaturate by 10%, it is **42.5063, 22.6348, -62.1504**.

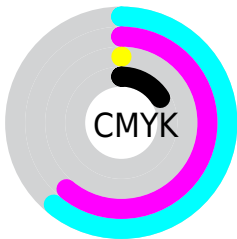
Distribution



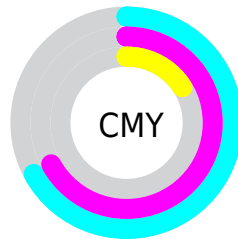
- Red (33%)
- Green (33%)
- Blue (84%)



- Red (33%)
- Yellow (33%)
- Blue (84%)



- Cyan (61%)
- Magenta (61%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (67%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.1670, 30.3039, -81.4757 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 36.1670, 30.3039, -81.4757 by changing the saturation by 10% instead.

■ 36.1670, 30.3039,
-81.4757

■ 36.1670, 30.3039,
-81.4757

■ 145.4082, 39.1679,
-86.4433

■ 27.3574, 28.7818,
-82.9827

■ 56.0794, 32.9744,
-81.1359

■ 19.4081, 27.1397,
-86.5543

■ 67.0741, 34.1344,
-81.5911

■ 12.4256, 25.4410,
-94.7896

■ 78.7060, 35.1901,
-82.2439

■ 5.6513, 31.3622,
-136.9638

■ 90.9419, 36.1499,
-83.0119

0.0000, INF, -NF

0.0000, NaN, -NF

■ 103.7535, 37.0214,
-83.8438

0.0000, NaN, -NF

117.1159, 37.8111,

0.0000, NaN, -NF

-84.7065

0.0000, NaN, NaN

131.0072, 38.5249,
-85.5779

■ 36.1670, 30.3039,
-81.4757

■ 36.1670, 30.3039,
-81.4757

■ 30.6755, 38.9448,
-103.3794

■ 42.5063, 22.6348,
-62.1504

■ 26.3259, 47.9083,
-126.2185

■ 49.4766, 15.9654,
-45.4704

■ 23.4416, 55.4471,
-145.4932

■ 56.9321, 10.1318,
-30.9948

■ 22.0344, 59.7679,
-156.5611

■ 64.7740, 4.9475,
-18.2325

■ 72.9338, 0.2555,
-6.7715

■ 81.3629, -4.0647,
3.7046

■ 90.0254, -8.1035,
13.4326

■ 98.8105, -11.8921,
22.5047

Harmonies

Analogous

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



36.1675, -2.1351, -102.0688



36.1670, 30.3039, -81.4757



36.1675, 60.2935, -36.3937

Triad

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



36.1675, 30.3051, -81.4745



36.1675, 30.7732, 24.4898



36.1675, -42.6205, 2.1618

Complementary

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



36.1670, 30.3039, -81.4757



79.3906, -18.9227, 42.3249

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.



36.1675, -38.7162, 19.8227



36.1670, 30.3039, -81.4757



36.1675, -1.7279, 25.3172

Square

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



36.1675, 30.3051, -81.4745



36.1675, 60.6185, 19.6938



36.1675, -25.7596, 24.5220



36.1675, -38.8267, -35.7546

Rectangle

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



36.1670, 30.3039, -81.4757



36.1675, 71.3194, -8.8009



36.1675, -25.7596, 24.5220



36.1675, -42.1885, 10.1938

Sweetspot

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



36.1675, 30.3051, -81.4745



81.5109, 4.5133, -18.5108



74.0495, -33.5491, -5.8966



36.3768, 2.8943, -10.5392

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.1675, 30.3051, -81.4745



35.6622, 50.7772, -134.4260



41.9349, 44.5325, -63.3282



34.6537, -0.1575, -2.4954



17.1307, 46.4667, -121.7184



4.2073, 11.4119, -29.8919

Inverse Universe

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



50.4892, 63.8038, -42.4745



57.1989, 91.5350, -61.2097



74.2449, -38.4693, 38.3779



35.5425, 2.8528, -1.2984



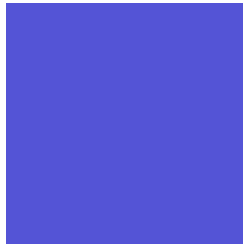
34.0225, 66.8887, -44.8679



8.3557, 16.4274, -11.0195

Previews

White Background



This preview shows how the HunterLab color 36.1670, 30.3039, -81.4757 looks on a white background.

Color Contrast Check

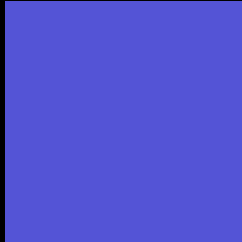
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.1670, 30.3039, -81.4757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

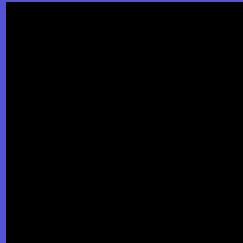
Any Text WCAG AA × Fail

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 36.1670, 30.3039, -81.4757 Background



This preview shows how black text looks on a background with the HunterLab color 36.1670, 30.3039, -81.4757.



This preview shows how white text looks on a background with the HunterLab color 36.1670, 30.3039, -81.4757.

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

36.1670, 30.3039, -81.4757

Protanopia

36.0633, 13.1891, -73.5475

Deuteranopia

35.9372, 1.1152, -47.3257



Tritanopia

36.2450, -14.8015, -6.9923

Trichromacy



Original Color

36.1670, 30.3039, -81.4757

Protanomaly

35.4246, 18.1291, -78.8140

Deuteranomaly

35.2401, 10.0129, -61.0387

Tritanomaly

35.2884, -0.7413, -29.6340

Monochromacy



Original Color

36.1670, 30.3039, -81.4757

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.0830, 6.9179, -20.8475

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1670, 30.3039, -81.4757 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(84, 84, 214)` looks like.

```
.text, #text, p{  
    color:rgb(84, 84, 214)  
}
```

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(84, 84, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 84, 214) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1670, 30.3039, -81.4757 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(84, 84, 214) }
```


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

```
.border{ border-color:rgb(84, 84, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 84, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 84, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 84, 214);  
box-shadow:4px 4px 4px 4px rgb(84, 84,  
214) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.1670, 30.3039, -81.4757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 84, 214) }
```

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

```
.background{ background-color: rgb(84, 84,  
214) }
```

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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