

Converting Colors

Decimal(6311935)

Have a look what the booklet for
Decimal(6311935) contains.

Decimal(6311935)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6311935)

Conversions

Conversions Part 1

Format	Color
Hex	604FFF
RGB	96, 79, 255
RGB Percent	38%, 31%, 100%
CMY	0.6235, 0.6902, 0.0000
CMYK	0.62, 0.69, 0.00, 0.00
HSL	246°, 100%, 65%
HSV	246°, 69%, 100%
XYZ	25.6699, 15.2988, 96.2077
YIQ	104.1470, -46.3640, 58.3400

Conversions

Conversions Part 2

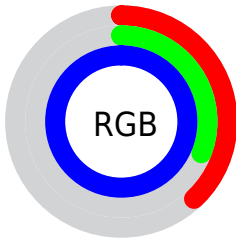
Format	Color
R_{YB}	96, 79, 255
Decimal	6311935
CIE _{Lab}	46.04, 55.78, -84.95
CIE _{LCh}	46, 101.626, 303.289
Yxy	15.2988, 0.1871, 0.1115
Android (android.graphics.Color)	4284502015 (0xFF604FFF)
YUV	104.1470, 74.3705, -7.1449
Hunter-Lab	39.1136, 48.6988, -118.4560

Details

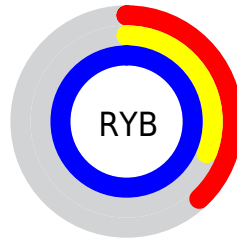
The Decimal color **6311935** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed purple. A complement of this color would be **15662927**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **10650367**, and **7877** is the 20% darker color. If you saturate the color by 10%, you get **4798207**, and if you desaturate by 10%, it is **7825919**.

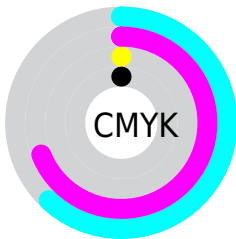
Distribution



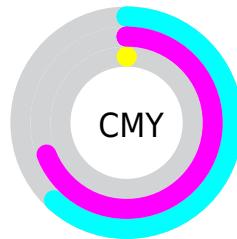
- Red (38%)
- Green (31%)
- Blue (100%)



- Red (38%)
- Yellow (31%)
- Blue (100%)



- Cyan (62%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6311935 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 Decimal color 6311935 by changing the saturation by 10% instead.

■ 6311935

■ 6311935

16777215

■ 3749858

■ 10650367

■ 7877

■ 12688895

■ 1449

■ 14727423

■ 141

■ 16766207

■ 115

■ 16773631

■ 3417

■ 1856

■ 809

■ 276

■ 6311935

■ 6311935

■ 4798207

■ 7825919

■ 3284223

■ 9339647

■ 1770495

■ 10853631

■ 1638655

■ 12367359

■ 13881343

■ 15395071

16777215

Harmonies

Analogous

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



30975



6311935



13893820

Triad

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



6311935



12535296



35957

Complementary

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



6311935



15662927

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.



34830



6311935



8220160

Square

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



6311935



15400979



32768



36298

Rectangle

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



6311935



15794308



32768



35671

Sweetspot

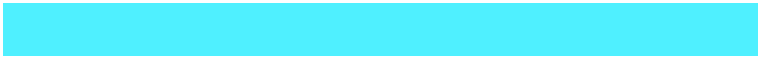
The Sweet Spot groups the original color and five complimentary colors.



6311935



13617663



5239039



6512768



0



8421504

Same Dimension

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



6311935



4205567



11948031



7631744



1179839



393280

Inverse Universe

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



16732142



16722923



10026831



8418174



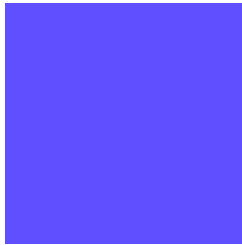
12517549



4194362

Previews

White Background



This preview shows how the Decimal color 6311935 looks on a white background.

Color Contrast Check

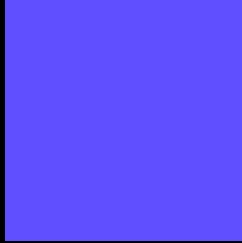
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 6311935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

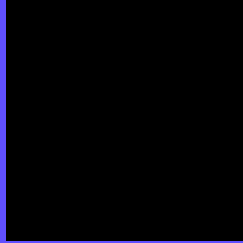
Any Text WCAG AA × Fail

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](#).

Decimal 6311935 Background



This preview shows how black text looks on a background with the Decimal color 6311935.

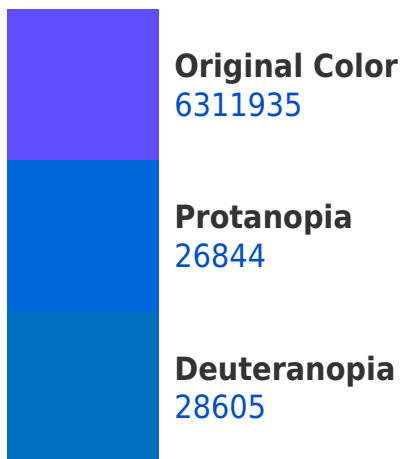



This preview shows how white text looks on a background with the Decimal color 6311935.

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





Tritanopia
1341570

Trichromacy



Original Color

6311935



Protanomaly

2318313



Deuteranomaly

2319317



Tritanomaly

3172783

Monochromacy



Original Color

6311935



Achromatopsia

6842472



Achromatomaly

6643615

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6311935 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 #604FFF looks like.

```
.text, #text, p{  
  color:#604FFF  
}
```

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 #604FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #604FFF
}
```

Border

The CSS property to change the border of an element to Decimal 6311935 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
#604FFF }
```

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

```
.border{ border-color:#604FFF }
```

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

Here you see how a box with a 4 pixel #604FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #604FFF; -webkit-box-shadow:4px 4px  
4px 4px #604FFF; box-shadow:4px 4px 4px  
4px #604FFF }
```

Background

The CSS property to change the background color of an element to Decimal 6311935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#604FFF }
```

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

```
.background{ background-color:#604FFF }
```

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