

# Converting Colors

Decimal(6313698)

Have a look what the booklet for  
Decimal(6313698) contains.

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# Color

**Decimal(6313698)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6056E2
RGB	96, 86, 226
RGB Percent	38%, 34%, 89%
CMY	0.6235, 0.6627, 0.1137
CMYK	0.58, 0.62, 0.00, 0.11
HSL	244°, 71%, 61%
HSV	244°, 62%, 89%
XYZ	21.8791, 14.6334, 73.6229
YIQ	104.9500, -38.9800, 45.6600

# Conversions

## Conversions Part 2

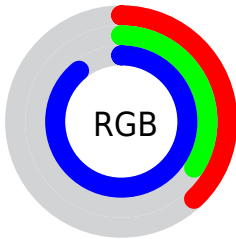
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 86, 226
Decimal	6313698
CIE <sub>Lab</sub>	45.13, 42.95, -70.15
CIE <sub>LCh</sub>	45, 82.253, 301.478
Yxy	14.6334, 0.1987, 0.1329
Android (android.graphics.Color)	4284503778 (0xFF6056E2)
YUV	104.9500, 59.6776, -7.8492
Hunter-Lab	38.2536, 35.1493, -87.3321

# Details

The Decimal color **6313698** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **14213718**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **10324223**, and **862377** is the 20% darker color. If you saturate the color by 10%, you get **4931554**, and if you desaturate by 10%, it is **7695842**.

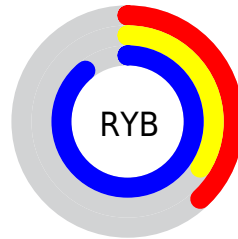
# Distribution



Red (38%)

Green (34%)

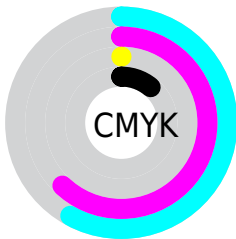
Blue (89%)



Red (38%)

Yellow (34%)

Blue (89%)

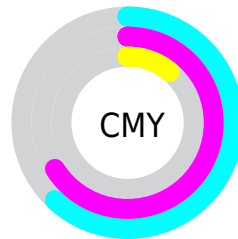


Cyan (58%)

Magenta (62%)

Yellow (0%)

Black (11%)



Cyan (62%)

Magenta (66%)


















Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6313698 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 6313698 by changing the saturation by 10% instead.



 6313698	 6313698
 16777215	 4144837
 10324223	 862377
 12297215	 4750
 14270207	 116
 16308991	 90
 16775167	 1858
	 811
	 277
	 0

■ 6313698

■ 6313698

■ 4931554

■ 7695842

■ 3549666

■ 9077730

■ 2167522

■ 10459874

■ 1048802

■ 11841762

■ 13223906

■ 14606050

■ 15987938

■ 16777186

# Harmonies

## Analogous

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



29943



6313698



12328622

# Triad

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



6313698



11815680



34413

# Complementary

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



6313698



14213718

# 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.



33312



6313698



8415744

# Square

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



6313698



14026536



3570176



34482

# Rectangle

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



6313698



14024834



3570176



34132



# Sweetspot

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



6313698



13815807



5691874



6578816



0



8421504



# Same Dimension

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



6313698



5260031



10835682



6710640



852144



196656



# Inverse Universe

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



14833368



16728818



9691734



7365999



11534499

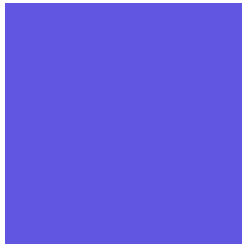


3145773



# Previews

## White Background



This preview shows how the Decimal color 6313698 looks on a white background.

## Color Contrast Check

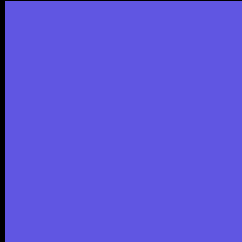
Large Text (above 18pt) WCAG AA ✓ Pass

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 6313698 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

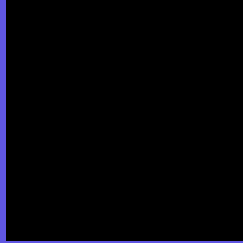
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6313698 Background



This preview shows how black text looks on a background with the Decimal color 6313698.

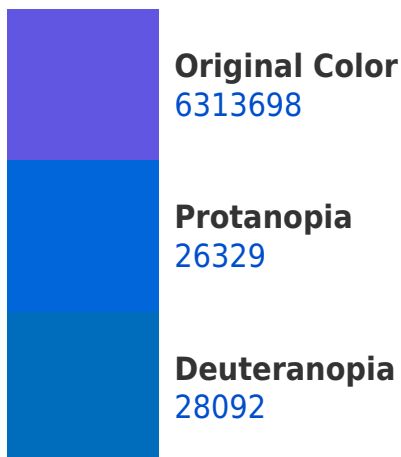


This preview shows how white text looks on a background with the Decimal color 6313698.

# 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**  
3634044

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6313698 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 #6056E2 looks like.

```
.text, #text, p{  
    color:#6056E2  
}
```

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 #6056E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6056E2
}
```

## Border

The CSS property to change the border of an element to Decimal 6313698 is called "border". The border property can be set on classes, ids or directly on the HTML element.

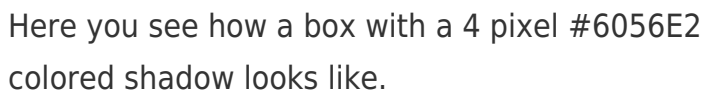
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6056E2 }
```

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

```
.border{ border-color:#6056E2 }
```

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



Here you see how a box with a 4 pixel #6056E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6056E2; -webkit-box-shadow:4px 4px  
4px 4px #6056E2; box-shadow:4px 4px 4px  
4px #6056E2 }
```

# Background

The CSS property to change the background color of an element to Decimal 6313698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6056E2 }
```

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

```
.background{ background-color:#6056E2 }
```

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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