

Converting Colors

Decimal(6308039)

Have a look what the booklet for
Decimal(6308039) contains.

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Color

Decimal(6308039)

Conversions

Conversions Part 1

Format	Color
Hex	6040C7
RGB	96, 64, 199
RGB Percent	38%, 25%, 78%
CMY	0.6235, 0.7490, 0.2196
CMYK	0.52, 0.68, 0.00, 0.22
HSL	254°, 55%, 52%
HSV	254°, 68%, 78%
XYZ	16.9661, 10.2771, 55.1223
YIQ	88.9580, -24.2630, 48.7690

Conversions

Conversions Part 2

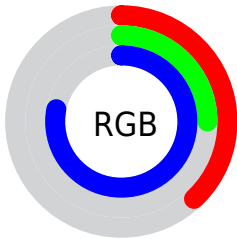
Format	Color
R_{YB}	96, 64, 199
Decimal	6308039
CIE _{Lab}	38.34, 47.32, -65.72
CIE _{LCh}	38, 80.982, 305.757
Yxy	10.2771, 0.2060, 0.1248
Android (android.graphics.Color)	4284498119 (0xFF6040C7)
YUV	88.9580, 54.2507, 6.1758
Hunter-Lab	32.0579, 38.3665, -79.5062

Details

The Decimal color **6308039** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **10995520**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **10187519**, and **1838992** is the 20% darker color. If you saturate the color by 10%, you get **5319879**, and if you desaturate by 10%, it is **7296199**.

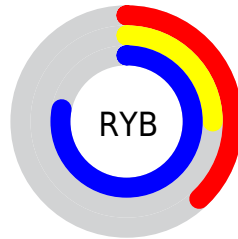
Distribution



Red (38%)

Green (25%)

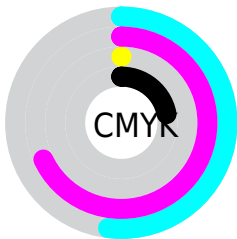
Blue (78%)



Red (38%)

Yellow (25%)

Blue (78%)

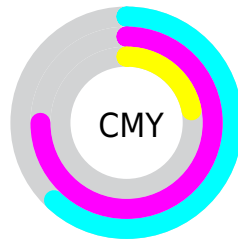


Cyan (52%)

Magenta (68%)

Yellow (0%)

Black (22%)



Cyan (62%)

Magenta (75%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6308039 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 6308039 by changing the saturation by 10% instead.

 6308039

 6308039

16777215

 4270251

 10187519

 1838992

 12094719

 117

 14067711

 92

 16040959

 1859

 16769023

 812

 16776447

 278

 0

 6308039

 6308039

■ 5319879

■ 7296199

■ 4331719

■ 8284359

■ 3278023

■ 9338055

■ 3080391

■ 10326215

■ 11314375

■ 12302279

■ 13290439

■ 14278599

■ 15332295

Harmonies

Analogous

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



24800



6308039



11403410

Triad

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



6308039



9977856



29542

Complementary

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



6308039



10995520

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.



28957



6308039



6577152

Square

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



6308039



12320783



616960



29863

Rectangle

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



6308039



12779623



616960



29519

Sweetspot

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



6308039



14208255



4237511



6840704



0



8421504

Same Dimension

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



6308039



6369535



10698951



6052451



2556067



524324

Inverse Universe

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



13058215



16724174



6604608



6511201



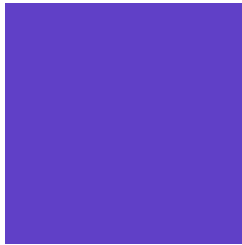
10682493



2359323

Previews

White Background



This preview shows how the Decimal color 6308039 looks on a white background.

Color Contrast Check

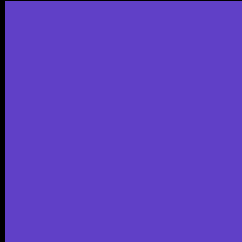
Large Text (above 18pt) WCAG AA ✓ Pass

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 6308039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

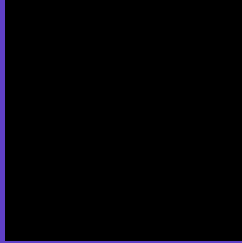
Any Text WCAG AA × Fail

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 6308039 Background



This preview shows how black text looks on a background with the Decimal color 6308039.

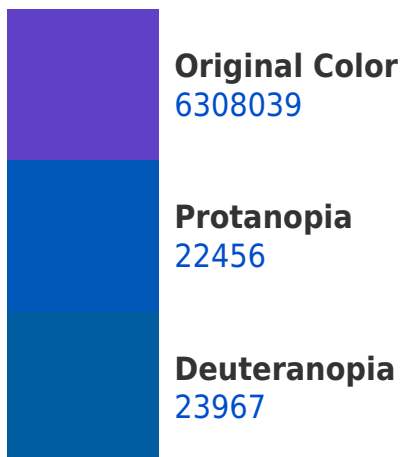


This preview shows how white text looks on a background with the Decimal color 6308039.

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
4349798

Trichromacy



Original Color
6308039



Protanomaly
2314173



Deuteranomaly
2314926



Tritanomaly
5067913

Monochromacy



Original Color
6308039



Achromatopsia
5855577



Achromatomaly
6049921

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6308039 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 #6040C7 looks like.

```
.text, #text, p{  
  color:#6040C7  
}
```

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 #6040C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6040C7
}
```

Border

The CSS property to change the border of an element to Decimal 6308039 is called "border". The border property can be set on classes, ids or directly on the HTML element.

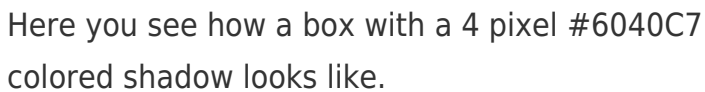
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6040C7 }
```

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

```
.border{ border-color:#6040C7 }
```

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



Here you see how a box with a 4 pixel #6040C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6040C7; -webkit-box-shadow:4px 4px  
4px 4px #6040C7; box-shadow:4px 4px 4px  
4px #6040C7 }
```

Background

The CSS property to change the background color of an element to Decimal 6308039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6040C7 }
```

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

```
.background{ background-color:#6040C7 }
```

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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