

# Converting Colors

Decimal(6317711)

Have a look what the booklet for  
Decimal(6317711) contains.

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# Color

**Decimal(6317711)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60668F
RGB	96, 102, 143
RGB Percent	38%, 40%, 56%
CMY	0.6235, 0.6000, 0.4392
CMYK	0.33, 0.29, 0.00, 0.44
HSL	232°, 20%, 47%
HSV	232°, 33%, 56%
XYZ	14.5332, 13.9727, 27.9176
YIQ	104.8800, -16.7370, 11.4790

# Conversions

## Conversions Part 2

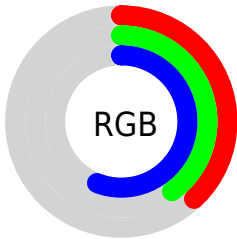
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 101, 143
Decimal	6317711
CIE Lab	44.19, 7.91, -23.28
CIE LCh	44, 24.584, 288.776
Yxy	13.9727, 0.2576, 0.2476
Android (android.graphics.Color)	4284507791 (0xFF60668F)
YUV	104.8800, 18.7932, -7.7878
Hunter-Lab	37.3801, 3.9846, -18.1152

# Details

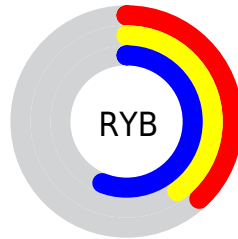
The Decimal color **6317711** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9406816**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **9738693**, and **3094364** is the 20% darker color. If you saturate the color by 10%, you get **5397135**, and if you desaturate by 10%, it is **7238287**.

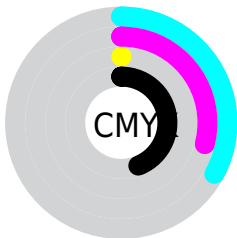
# Distribution



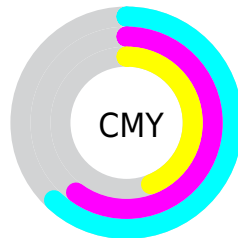
- Red (38%)
- Green (40%)
- Blue (56%)



- Red (38%)
- Yellow (40%)
- Blue (56%)



- Cyan (33%)
- Magenta (29%)
- Yellow (0%)
- Black (44%)



- Cyan (62%)
- Magenta (60%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6317711 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 6317711 by changing the saturation by 10% instead.



■ 6317711

■ 6317711

16777215

■ 4673141

■ 9738693

■ 3094364

■ 11515105

■ 1516101

■ 13357054

■ 3118

■ 15199231

■ 281

■ 0

■ 6317711

■ 6317711

■ 5397135

■ 7238287

■ 4410767

■ 8224655

■ 3490191

■ 9145231

■ 2569359

■ 10066063

■ 1648783

■ 11052175

■ 662415

■ 11973007

■ 4751

■ 12893583

■ 13814415

■ 14800527

# Harmonies

## Analogous

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



4156816



6317711



8085380

# Triad

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



6317711



9133643



3765088

# Complementary

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



6317711



9406816

# 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.



5402701



6317711



8217920

# Square

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



6317711



9525596



6908737



2192245

# Rectangle

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



6317711



8870776



6908737



4289113



# Sweetspot

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



6317711



11053754



6328201



5461086



14606046



6184542



# Same Dimension

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



6317711



7502778



7430287



4211015



4487



264



# Inverse Universe

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



9396326



12219003



8294240



4669505



8847377



524289



# Previews

## White Background



This preview shows how the Decimal color 6317711 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 6317711 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 6317711 Background



This preview shows how black text looks on a background with the Decimal color 6317711.



This preview shows how white text looks on a background with the Decimal color 6317711.

# 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](#).

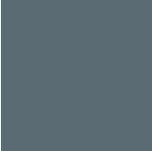
## Dichromacy



**Original Color**  
6317711

**Protanopia**  
6055824

**Deuteranopia**  
6121359



**Tritanopia**  
5925748

# Trichromacy



**Original Color**  
6317711

**Protanomaly**  
6121360

**Deuteranomaly**  
6186895

**Tritanomaly**  
6056318

# Monochromacy



**Original Color**  
6317711

**Achromatopsia**  
6908265

**Achromatomaly**  
6711415

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6317711 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 #60668F looks like.

```
.text, #text, p{  
    color:#60668F  
}
```

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 #60668F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60668F
}
```

## Border

The CSS property to change the border of an element to Decimal 6317711 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".

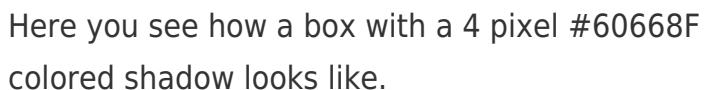
```
.border, #border, table{ border:4px solid
#60668F }
```

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

```
.border{ border-color:#60668F }
```

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

Here you see how a box with a 4 pixel #60668F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60668F; -webkit-box-shadow:4px 4px  
4px 4px #60668F; box-shadow:4px 4px 4px  
4px #60668F }
```

# Background

The CSS property to change the background color of an element to Decimal 6317711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60668F }
```

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

```
.background{ background-color:#60668F }
```

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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