

# Converting Colors

Decimal(6380416)

Have a look what the booklet for  
Decimal(6380416) contains.

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# Color

**Decimal(6380416)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	615B80
RGB	97, 91, 128
RGB Percent	38%, 36%, 50%
CMY	0.6196, 0.6431, 0.4980
CMYK	0.24, 0.29, 0.00, 0.50
HSL	250°, 17%, 43%
HSV	250°, 29%, 50%
XYZ	12.5671, 11.5821, 21.9953
YIQ	97.0120, -8.3010, 12.7790

# Conversions

## Conversions Part 2

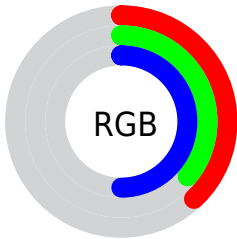
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 91, 128
Decimal	6380416
CIE <sub>Lab</sub>	40.54, 11.00, -19.86
CIE <sub>LCh</sub>	41, 22.704, 298.978
Yxy	11.5821, 0.2723, 0.2510
Android (android.graphics.Color)	4284570496 (0xFF615B80)
YUV	97.0120, 15.2771, -0.0105
Hunter-Lab	34.0324, 6.3578, -14.4966

# Details

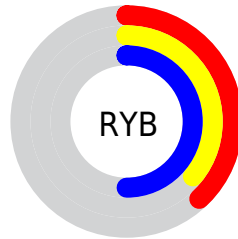
The Decimal color **6380416** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8028251**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **9735605**, and **3222863** is the 20% darker color. If you saturate the color by 10%, you get **5656192**, and if you desaturate by 10%, it is **7104640**.

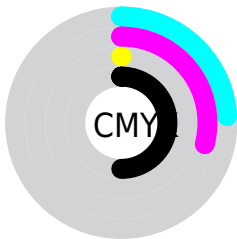
# Distribution



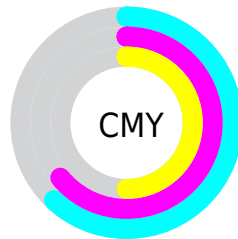
- Red (38%)
- Green (36%)
- Blue (50%)



- Red (38%)
- Yellow (36%)
- Blue (50%)



- Cyan (24%)
- Magenta (29%)
- Yellow (0%)
- Black (50%)



- Cyan (62%)
- Magenta (64%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6380416 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 6380416 by changing the saturation by 10% instead.



6380416

6380416

16777215

4801639

9735605

3222863

11512017

1775928

13353965

393250

15196159

9

16776191

0

6380416

6380416

5656192

7104640

4997504

7763328

■ 4273536

■ 8487296

■ 3549312

■ 9211520

■ 2825088

■ 9935744

■ 2166400

■ 10594432

■ 1442176

■ 11318656

■ 1376384

■ 12042624

■ 12766848

# Harmonies

## Analogous

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



4547204



6380416



7755123

# Triad

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



6380416



8149056



2976350

# Complementary

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



6380416



8028251

# 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.



4483148



6380416



7167546

# Square

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



6380416



8672079



5858367



1862001

# Rectangle

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



6380416



8409703



5858367



3434840



# Sweetspot

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



6380416



10065830



5995136



5000020



13948116



5526612



# Same Dimension

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



6380416



7695526



7560064



3815744



1376384



0



# Inverse Universe

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



8412026



10906780



6848603



4208959



8388715



0



# Previews

## White Background



This preview shows how the Decimal color 6380416 looks on a white background.

## Color Contrast Check

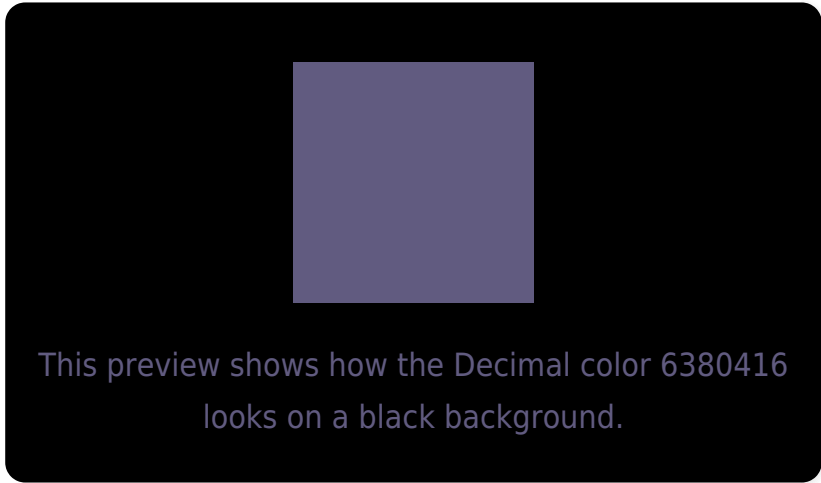
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

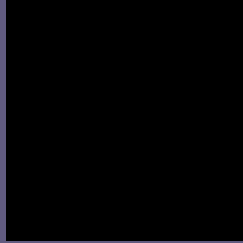
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6380416 Background



This preview shows how black text looks on a background with the Decimal color 6380416.



This preview shows how white text looks on a background with the Decimal color 6380416.

# 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**  
6380416

**Protanopia**  
5594755

**Deuteranopia**  
5725823



**Tritanopia**  
6053991

# Trichromacy



**Original Color**  
6380416

**Protanomaly**  
5856642

**Deuteranomaly**  
5987711

**Tritanomaly**  
6184560

# Monochromacy



**Original Color**  
6380416

**Achromatopsia**  
6381921

**Achromatomaly**  
6381420

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6380416 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 #615B80 looks like.

```
.text, #text, p{  
  color:#615B80  
}
```

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 #615B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #615B80
}
```

## Border

The CSS property to change the border of an element to Decimal 6380416 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".

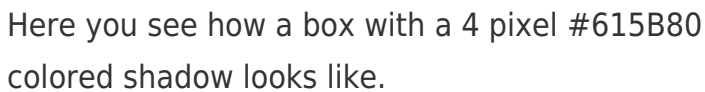
```
.border, #border, table{ border:4px solid
#615B80 }
```

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

```
.border{ border-color:#615B80 }
```

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

Here you see how a box with a 4 pixel #615B80 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #615B80 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #615B80; -webkit-box-shadow:4px 4px  
4px 4px #615B80; box-shadow:4px 4px 4px  
4px #615B80 }
```

# Background

The CSS property to change the background color of an element to Decimal 6380416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#615B80 }
```

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

```
.background{ background-color:#615B80 }
```

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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