

# Converting Colors

Decimal(6041743)

Have a look what the booklet for  
Decimal(6041743) contains.

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# Color

**Decimal(6041743)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C308F
RGB	92, 48, 143
RGB Percent	36%, 19%, 56%
CMY	0.6392, 0.8118, 0.4392
CMYK	0.36, 0.66, 0.00, 0.44
HSL	268°, 50%, 37%
HSV	268°, 66%, 56%
XYZ	10.4285, 6.3724, 26.6670
YIQ	71.9860, -4.2710, 38.8730

# Conversions

## Conversions Part 2

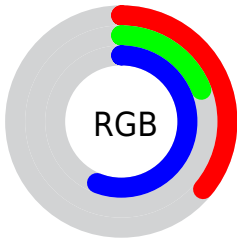
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 48, 143
Decimal	6041743
CIE <sub>Lab</sub>	30.33, 39.66, -45.25
CIE <sub>LCh</sub>	30, 60.165, 311.232
Yxy	6.3724, 0.2399, 0.1466
Android (android.graphics.Color)	4284231823 (0xFF5C308F)
YUV	71.9860, 35.0099, 17.5523
Hunter-Lab	25.2436, 29.5648, -44.9626

# Details

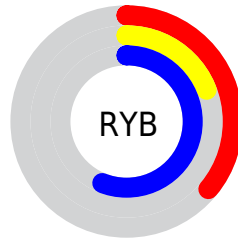
The Decimal color **6041743** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6524720**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **9593285**, and **2555996** is the 20% darker color. If you saturate the color by 10%, you get **5513871**, and if you desaturate by 10%, it is **6569615**.

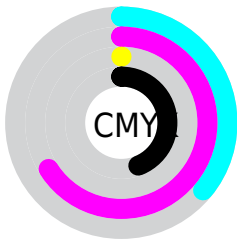
# Distribution



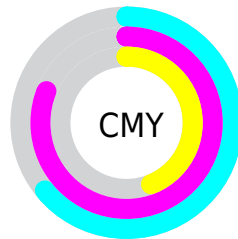
- Red (36%)
- Green (19%)
- Blue (56%)



- Red (36%)
- Yellow (19%)
- Blue (56%)



- Cyan (36%)
- Magenta (66%)
- Yellow (0%)
- Black (44%)



- Cyan (64%)
- Magenta (81%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6041743 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 6041743 by changing the saturation by 10% instead.



6041743

6041743

16777215

4331637

9593285

2555996

11434978

1114180

13276671

812

15184127

279

16764159

0

16771327

6041743

6041743

5513871

6569615

■ 5051279

■ 7032207

■ 4523407

■ 7560079

■ 4325519

■ 8087951

■ 8550543

■ 9078415

■ 9606287

■ 10068623

■ 10596751

# Harmonies

## Analogous

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



18597



6041743



9044583

# Triad

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



6041743



7354880



23129

# Complementary

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



6041743



6524720

# 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.



22823



6041743



4803328

# Square

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



6041743



9116680



152576



23173

# Rectangle

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



6041743



9764936



152576



23112



# Sweetspot

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



6041743



10917306



3171471



5392478



14606046



6184542



# Same Dimension

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



6041743



6956474



9056399



4472903



4128903



262152



# Inverse Universe

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



9384035



12199285



3510064



4669508



8847433

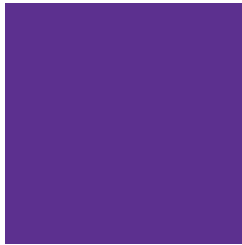


524292



# Previews

## White Background



This preview shows how the Decimal color 6041743 looks on a white background.

## Color Contrast Check

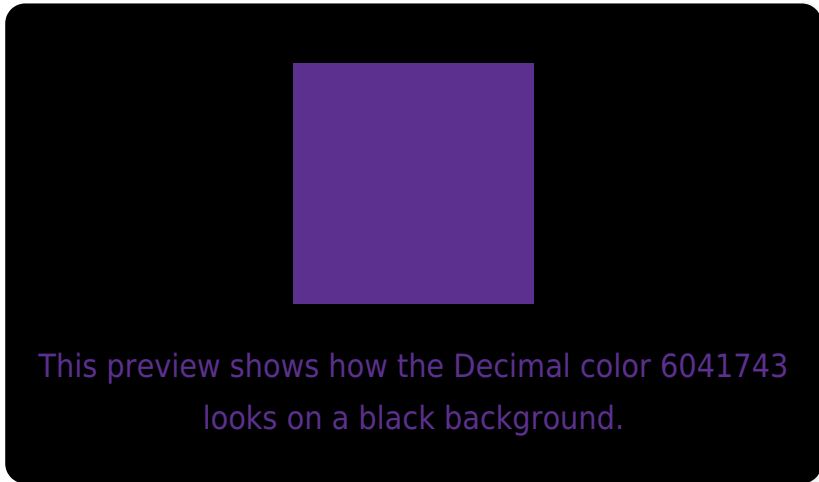
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

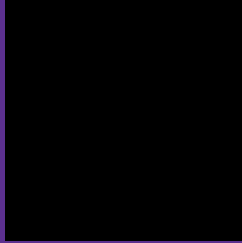
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 6041743 Background



This preview shows how black text looks on a background with the Decimal color 6041743.



This preview shows how white text looks on a background with the Decimal color 6041743.

# 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**  
5129547

# Trichromacy



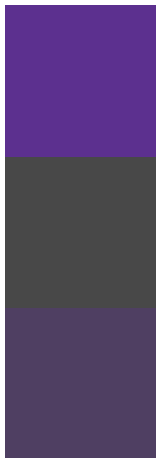
**Original Color**  
6041743

**Protanomaly**  
2178450

**Deuteranomaly**  
2179205

**Tritanomaly**  
5455204

# Monochromacy



**Original Color**  
6041743

**Achromatopsia**  
4737096

**Achromatomaly**  
5193570

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6041743 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 #5C308F looks like.

```
.text, #text, p{  
    color:#5C308F  
}
```

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 #5C308F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C308F
}
```

## Border

The CSS property to change the border of an element to Decimal 6041743 is called "border". The border property can be set on classes, ids or directly on the HTML element.

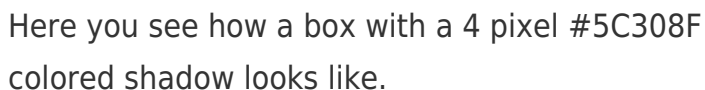
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C308F }
```

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

```
.border{ border-color:#5C308F }
```

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



Here you see how a box with a 4 pixel #5C308F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C308F; -webkit-box-shadow:4px 4px  
4px 4px #5C308F; box-shadow:4px 4px 4px  
4px #5C308F }
```

# Background

The CSS property to change the background color of an element to Decimal 6041743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C308F }
```

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

```
.background{ background-color:#5C308F }
```

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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