

# Converting Colors

Decimal(6235048)

Have a look what the booklet for  
Decimal(6235048) contains.

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# Color

**Decimal(6235048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F23A8
RGB	95, 35, 168
RGB Percent	37%, 14%, 66%
CMY	0.6275, 0.8627, 0.3412
CMYK	0.43, 0.79, 0.00, 0.34
HSL	267°, 66%, 40%
HSV	267°, 79%, 66%
XYZ	12.3882, 6.4621, 37.6402
YIQ	68.1020, -6.9330, 54.0830

# Conversions

## Conversions Part 2

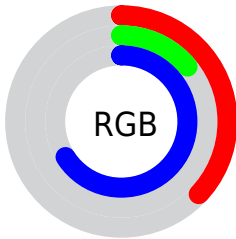
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 35, 168
Decimal	6235048
CIELab	30.55, 52.86, -60.11
CIELCh	31, 80.047, 311.331
Yxy	6.4621, 0.2193, 0.1144
Android (android.graphics.Color)	4284425128 (0xFF5F23A8)
YUV	68.1020, 49.2497, 23.5895
Hunter-Lab	25.4207, 42.5020, -69.9957

# Details

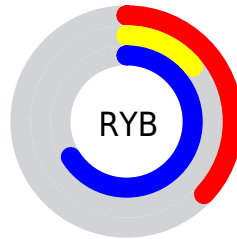
The Decimal color **6235048** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **7120931**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **9983968**, and **2293875** is the 20% darker color. If you saturate the color by 10%, you get **5640872**, and if you desaturate by 10%, it is **6829224**.

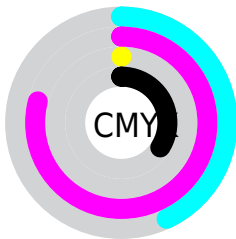
# Distribution



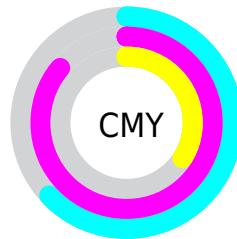
- Red (37%)
- Green (14%)
- Blue (66%)



- Red (37%)
- Yellow (14%)
- Blue (66%)



- Cyan (43%)
- Magenta (79%)
- Yellow (0%)
- Black (34%)



- Cyan (63%)
- Magenta (86%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6235048 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 6235048 by changing the saturation by 10% instead.



6235048

6235048

16777215

4326029

9983968

2293875

11891197

89

13798655

65

15706111

810

16761855

276

16769279

0

16776703

6235048

6235048

■ 5640872

■ 6829224

■ 5046696

■ 7423400

■ 4980904

■ 8082856

■ 8677032

■ 9271208

■ 9865384

■ 10525096

■ 11119016

■ 11713192

# Harmonies

## Analogous

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



19142



6235048



10354801

# Triad

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



6235048



7812352



24159

# Complementary

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



6235048



7120931

# 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.



23579



6235048



4410624

# Square

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



6235048



10289152



22528



24475

# Rectangle

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



6235048



11272264



22528



24137



# Sweetspot

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



6235048



12494811



2321576



6049390



15592941



7237230



# Same Dimension

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



6235048



6884315



10560424



5262420



4391060



589844



# Inverse Universe

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



11019116



14355325



2795555



5524560



9699409

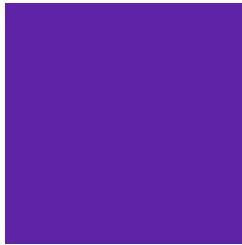


1310731



# Previews

## White Background



This preview shows how the Decimal color 6235048 looks on a white background.

## Color Contrast Check

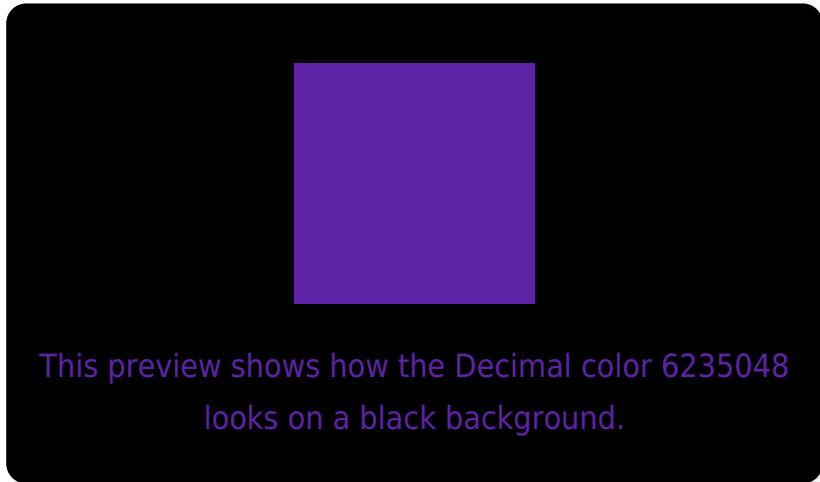
Large Text (above 18pt) WCAG AA ✓ Pass

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

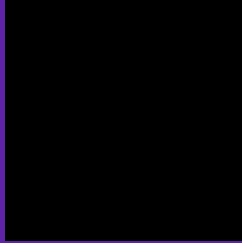
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6235048 Background



This preview shows how black text looks on a background with the Decimal color 6235048.

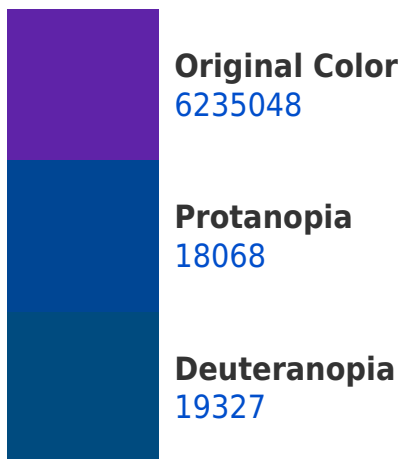



This preview shows how white text looks on a background with the Decimal color 6235048.

# 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**  
4868173

# Trichromacy



**Original Color**  
6235048



**Protanomaly**  
2308507



**Deuteranomaly**  
2309262



**Tritanomaly**  
5389166

# Monochromacy



**Original Color**  
6235048



**Achromatopsia**  
4473924



**Achromatomaly**  
5126248

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6235048 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 #5F23A8 looks like.

```
.text, #text, p{  
    color:#5F23A8  
}
```

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 #5F23A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F23A8
}
```

## Border

The CSS property to change the border of an element to Decimal 6235048 is called "border". The border property can be set on classes, ids or directly on the HTML element.

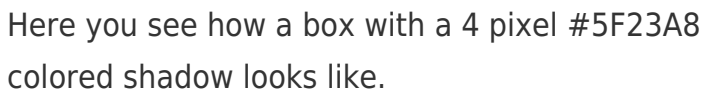
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F23A8 }
```

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

```
.border{ border-color:#5F23A8 }
```

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



Here you see how a box with a 4 pixel #5F23A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F23A8; -webkit-box-shadow:4px 4px  
4px 4px #5F23A8; box-shadow:4px 4px 4px  
4px #5F23A8 }
```

# Background

The CSS property to change the background color of an element to Decimal 6235048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F23A8 }
```

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

```
.background{ background-color:#5F23A8 }
```

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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