

# Converting Colors

Decimal(6099803)

Have a look what the booklet for  
Decimal(6099803) contains.

<b>Decimal(6099803)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6099803)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D135B
RGB	93, 19, 91
RGB Percent	36%, 7%, 36%
CMY	0.6353, 0.9255, 0.6431
CMYK	0.00, 0.80, 0.02, 0.64
HSL	302°, 66%, 22%
HSV	302°, 80%, 36%
XYZ	6.6354, 3.5482, 10.2327
YIQ	49.3340, 20.9920, 38.0800

# Conversions

## Conversions Part 2

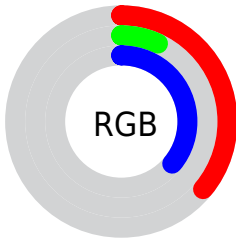
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 19, 91
Decimal	6099803
CIELab	22.12, 41.58, -25.21
CIElCh	22, 48.624, 328.771
Yxy	3.5482, 0.3250, 0.1738
Android (android.graphics.Color)	4284289883 (0xFF5D135B)
YUV	49.3340, 20.5413, 38.2951
Hunter-Lab	18.8368, 29.9138, -19.0224

# Details

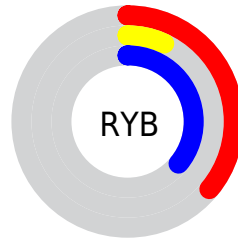
The Decimal color **6099803** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1269013**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **9586574**, and **2949165** is the 20% darker color. If you saturate the color by 10%, you get **6097499**, and if you desaturate by 10%, it is **6102107**.

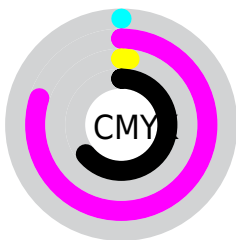
# Distribution



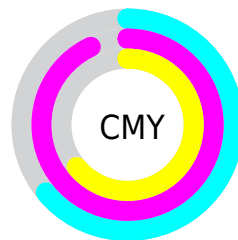
- Red (36%)
- Green (7%)
- Blue (36%)



- Red (36%)
- Yellow (7%)
- Blue (36%)



- Cyan (0%)
- Magenta (80%)
- Yellow (2%)
- Black (64%)



- Cyan (64%)
- Magenta (93%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6099803 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 6099803 by changing the saturation by 10% instead.



6099803

6099803

16777215

4456515

9586574

2949165

11362728

393239

13204419

0

15111648

16757244

16764415

16771583

6099803

6099803

6097499

6102107

6094938

6104668

6106972

6109276

6111836

6114141

6116445

6118749

6121309

# Harmonies

## Analogous

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



2698357



6099803



7340088

# Triad

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



6099803



4403968



17495

# Complementary

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



6099803



1269013

# 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.



17202



6099803



2112768

# Square

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



6099803



6169344



16650



17011

# Rectangle

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



6099803



7405600



16650



17483



# Sweetspot

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



6099803



7887735



1315677



4008765



12434877



4013373



# Same Dimension

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



6099803



7865973



6099767



3025198



7209067



15532263



# Inverse Universe

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



6099803



7865973



1269049



3025198



7209067

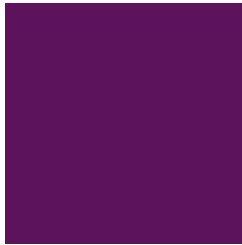


15532263



# Previews

## White Background



This preview shows how the Decimal color 6099803 looks on a white background.

## Color Contrast Check

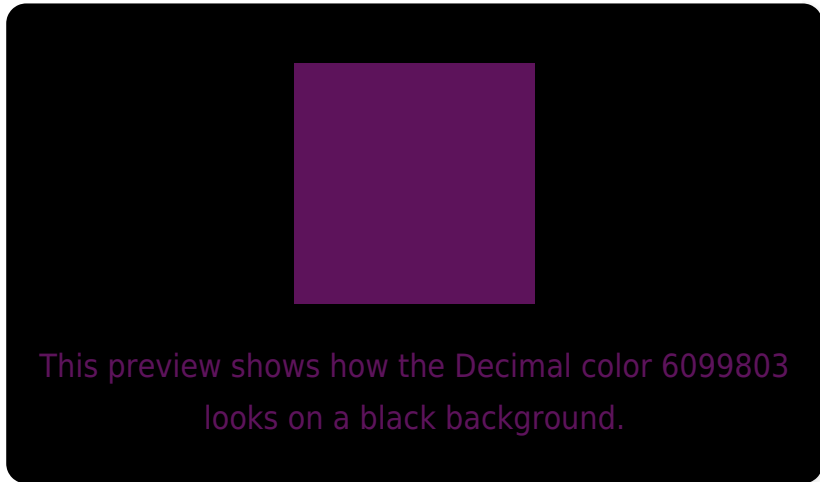
Large Text (above 18pt) WCAG AA ✓ Pass

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

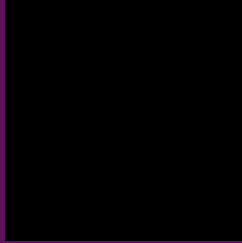
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6099803 Background



This preview shows how black text looks on a background with the Decimal color 6099803.




This preview shows how white text looks on a background with the Decimal color 6099803.

# 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**  
5777194

# Trichromacy



**Original Color**  
6099803

**Protanomaly**  
2238824

**Deuteranomaly**  
3811928

**Tritanomaly**  
5906492

# Monochromacy



**Original Color**  
6099803

**Achromatopsia**  
3223857

**Achromatomaly**  
4269632

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6099803 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 #5D135B looks like.

```
.text, #text, p{  
    color:#5D135B  
}
```

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 #5D135B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D135B
}
```

## Border

The CSS property to change the border of an element to Decimal 6099803 is called "border". The border property can be set on classes, ids or directly on the HTML element.

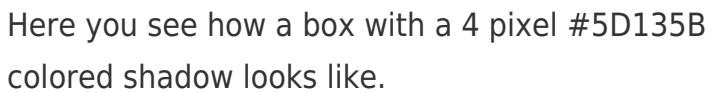
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D135B }
```

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

```
.border{ border-color:#5D135B }
```

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



Here you see how a box with a 4 pixel #5D135B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D135B; -webkit-box-shadow:4px 4px  
4px 4px #5D135B; box-shadow:4px 4px 4px  
4px #5D135B }
```

# Background

The CSS property to change the background color of an element to Decimal 6099803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D135B }
```

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

```
.background{ background-color:#5D135B }
```

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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