

# Converting Colors

Decimal(6291584)

Have a look what the booklet for  
Decimal(6291584) contains.

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**Color**

**Decimal(6291584)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	600080
RGB	96, 0, 128
RGB Percent	38%, 0%, 50%
CMY	0.6235, 1.0000, 0.4980
CMYK	0.25, 1.00, 0.00, 0.50
HSL	285°, 100%, 25%
HSV	285°, 100%, 50%
XYZ	8.7202, 4.0453, 20.7433
YIQ	43.2960, 16.1280, 60.1600

# Conversions

## Conversions Part 2

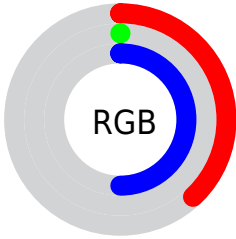
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 0, 128
Decimal	6291584
CIE <sub>Lab</sub>	23.82, 53.87, -46.42
CIE <sub>LCh</sub>	24, 71.113, 319.245
Yxy	4.0453, 0.2602, 0.1207
Android (android.graphics.Color)	4284481664 (0xFF600080)
YUV	43.2960, 41.7591, 46.2214
Hunter-Lab	20.1130, 42.1926, -47.0691

# Details

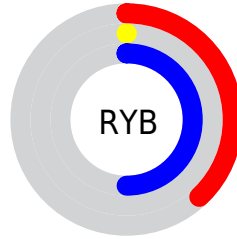
The Decimal color **6291584** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **2129920**, and the grayscale version is **2829099**.

A 20% lighter version of the original color is **9912758**, and **2818126** is the 20% darker color. If you saturate the color by 10%, you get **6291584**, and if you desaturate by 10%, it is **6491520**.

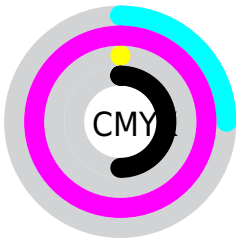
# Distribution



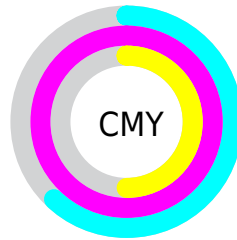
- Red (38%)
- Green (0%)
- Blue (50%)



- Red (38%)
- Yellow (0%)
- Blue (50%)



- Cyan (25%)
- Magenta (100%)
- Yellow (0%)
- Black (50%)



- Cyan (62%)
- Magenta (100%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6291584 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 6291584 by changing the saturation by 10% instead.



6291584

6291584

16777215

4522086

9912758

2818126

11754706

917558

13661934

544

15569407

3

16756223

0

16763391

16770815

6291584

■ 6491520

■ 6691456

■ 6956672

■ 7156608

■ 7356544

■ 7556480

■ 7756416

■ 8021632

■ 8221568

# Harmonies

## Analogous

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



13729



6291584



8912974

# Triad

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



6291584



5648384



19547

# Complementary

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



6291584



2129920

# 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.



18979



6291584



2375680

# Square

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



6291584



7995392



18176



19595

# Rectangle

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



6291584



9371692



18176



19273



# Sweetspot

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



6291584



10056870



8320



5060180



13948116



5526612



# Same Dimension

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



6291584



8126630



8388704



4077888



0

# Inverse Universe

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



8388640



10879017



32800



4208955



0

# Previews

## White Background



This preview shows how the Decimal color 6291584 looks on a white background.

## Color Contrast Check

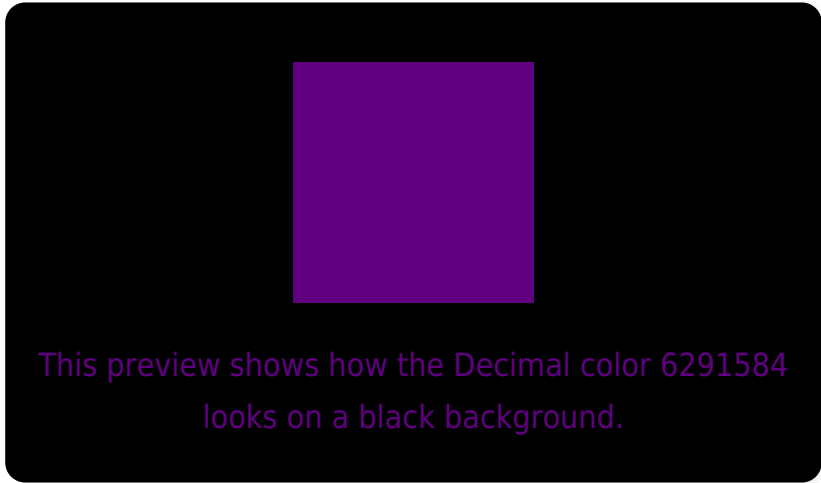
Large Text (above 18pt) WCAG AA ✓ Pass

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

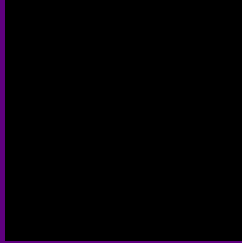
Any Text WCAG AA × Fail

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 6291584 Background



This preview shows how black text looks on a background with the Decimal color 6291584.



This preview shows how white text looks on a background with the Decimal color 6291584.


# 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**  
5517878

# Trichromacy



**Original Color**

6291584

**Protanomaly**

2303356

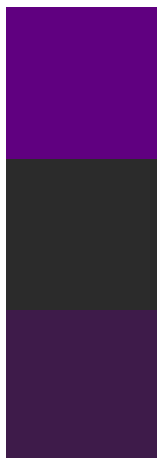
**Deuteranomaly**

2303859

**Tritanomaly**

5775441

# Monochromacy



**Original Color**

6291584

**Achromatopsia**

2829099

**Achromatomaly**

4070218

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6291584 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 #600080 looks like.

```
.text, #text, p{  
  color:#600080  
}
```

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 #600080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #600080
}
```

## Border

The CSS property to change the border of an element to Decimal 6291584 is called "border". The border property can be set on classes, ids or directly on the HTML element.

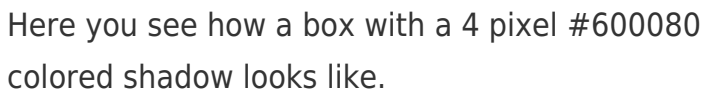
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#600080 }
```

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

```
.border{ border-color:#600080 }
```

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



Here you see how a box with a 4 pixel #600080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #600080; -webkit-box-shadow:4px 4px  
4px 4px #600080; box-shadow:4px 4px 4px  
4px #600080 }
```

# Background

The CSS property to change the background color of an element to Decimal 6291584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#600080 }
```

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

```
.background{ background-color:#600080 }
```

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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