

# Converting Colors

Decimal(6029496)

Have a look what the booklet for  
Decimal(6029496) contains.

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**Color**

**Decimal(6029496)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C00B8
RGB	92, 0, 184
RGB Percent	36%, 0%, 72%
CMY	0.6392, 1.0000, 0.2784
CMYK	0.50, 1.00, 0.00, 0.28
HSL	270°, 100%, 36%
HSV	270°, 100%, 72%
XYZ	13.0654, 5.7360, 45.7659
YIQ	48.4840, -4.2320, 76.7280

# Conversions

## Conversions Part 2

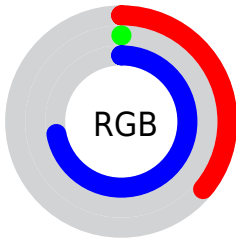
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 0, 184
Decimal	6029496
CIELab	28.74, 65.22, -72.68
CIELCh	29, 97.654, 311.901
Yxy	5.7360, 0.2024, 0.0888
Android (android.graphics.Color)	4284219576 (0xFF5C00B8)
YUV	48.4840, 66.8094, 38.1635
Hunter-Lab	23.9500, 55.4643, -96.5322

# Details

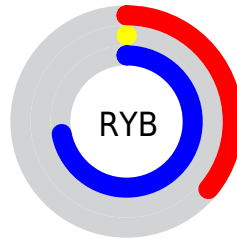
The Decimal color **6029496** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **6076416**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **9979633**, and **1179777** is the 20% darker color. If you saturate the color by 10%, you get **6029496**, and if you desaturate by 10%, it is **6623928**.

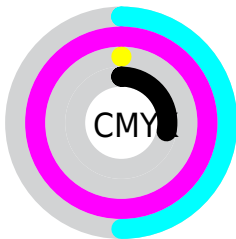
# Distribution



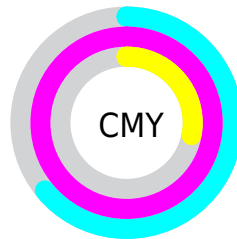
- Red (36%)
- Green (0%)
- Blue (72%)



- Red (36%)
- Yellow (0%)
- Blue (72%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (28%)



- Cyan (64%)
- Magenta (100%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6029496 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 6029496 by changing the saturation by 10% instead.



6029496

6029496

16777215

3932316

9979633

1179777

11952639

103

13925631

78

15898879

1334

16758015

544

16765439

4

16772863

0

6029496

■ 6623928

■ 7218616

■ 7878584

■ 8473272

■ 9067704

■ 9662136

■ 10256824

■ 10916792

■ 11511480

# Harmonies

## Analogous

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



18654



6029496



11141237

# Triad

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



6029496



7810304



23650

# Complementary

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



6029496



6076416

# 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.



22795



6029496



3623680

# Square

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



6029496



10747904



22016



24234

# Rectangle

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



6029496



12189763



22016



23367



# Sweetspot

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



6029496



13412592



23736



6442360



16250871



7895160



# Same Dimension

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



6029496



7864560



12058808



5722972



5111964



917532



# Inverse Universe

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



12058716



15728760



47104



6050647



10223694

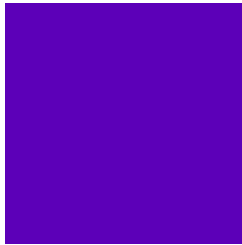


1835022



# Previews

## White Background



This preview shows how the Decimal color 6029496 looks on a white background.

## Color Contrast Check

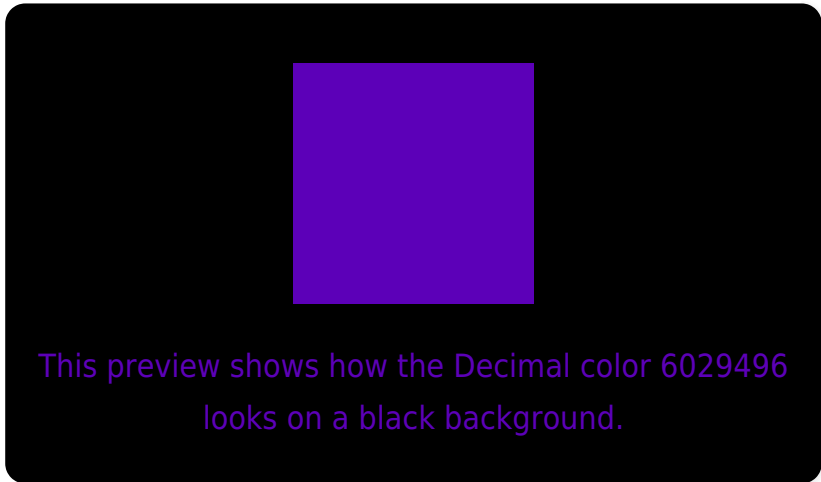
Large Text (above 18pt) WCAG AA ✓ Pass

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

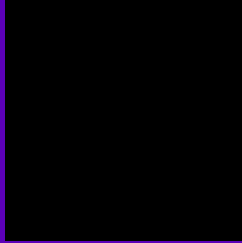
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6029496 Background



This preview shows how black text looks on a background with the Decimal color 6029496.

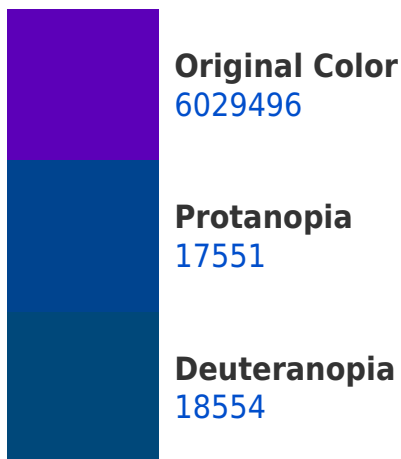


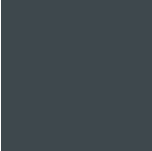
This preview shows how white text looks on a background with the Decimal color 6029496.

# 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**  
4081741

# Trichromacy



**Original Color**  
6029496

**Protanomaly**  
2173854

**Deuteranomaly**  
2174609

**Tritanomaly**  
4796020

# Monochromacy



**Original Color**  
6029496

**Achromatopsia**  
3158064

**Achromatomaly**  
4202337

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6029496 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 #5C00B8 looks like.

```
.text, #text, p{  
    color:#5C00B8  
}
```

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 #5C00B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C00B8
}
```

## Border

The CSS property to change the border of an element to Decimal 6029496 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
#5C00B8 }
```

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

```
.border{ border-color:#5C00B8 }
```

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

Here you see how a box with a 4 pixel #5C00B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C00B8; -webkit-box-shadow:4px 4px  
4px 4px #5C00B8; box-shadow:4px 4px 4px  
4px #5C00B8 }
```

# Background

The CSS property to change the background color of an element to Decimal 6029496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C00B8 }
```

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

```
.background{ background-color:#5C00B8 }
```

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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