

# Converting Colors

Decimal(6045886)

Have a look what the booklet for  
Decimal(6045886) contains.

<b>Decimal(6045886)</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> .....	28

# Color

**Decimal(6045886)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C40BE
RGB	92, 64, 190
RGB Percent	36%, 25%, 75%
CMY	0.6392, 0.7490, 0.2549
CMYK	0.52, 0.66, 0.00, 0.25
HSL	253°, 50%, 50%
HSV	253°, 66%, 75%
XYZ	15.5413, 9.6598, 49.7606
YIQ	86.7360, -23.7580, 45.1220

# Conversions

## Conversions Part 2

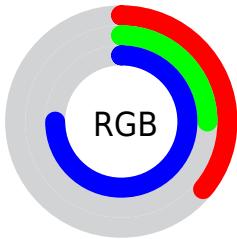
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	92, 64, 190
Decimal	6045886
CIE Lab	37.22, 44.00, -62.29
CIE LCh	37, 76.258, 305.235
Yxy	9.6598, 0.2073, 0.1289
Android (android.graphics.Color)	4284235966 (0xFF5C40BE)
YUV	86.7360, 50.9092, 4.6165
Hunter-Lab	31.0802, 34.8663, -73.1693

# Details

The Decimal color **6045886** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **10665536**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **9859831**, and **1642887** is the 20% darker color. If you saturate the color by 10%, you get **5057982**, and if you desaturate by 10%, it is **7033790**.

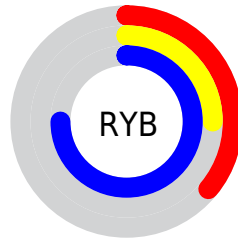
# Distribution



Red (36%)

Green (25%)

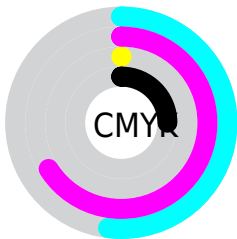
Blue (75%)



Red (36%)

Yellow (25%)

Blue (75%)

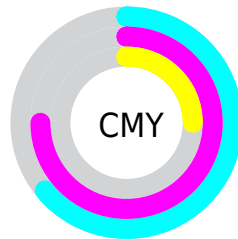


Cyan (52%)

Magenta (66%)

Yellow (0%)

Black (25%)



Cyan (64%)

Magenta (75%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6045886 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 6045886 by changing the saturation by 10% instead.



6045886

6045886

16777215

4073634

9859831

1642887

11767039

109

13674239

84

15647487

1596

16768767

549

16776191

270

0

6045886

6045886

■ 5057982

■ 7033790

■ 4070078

■ 8021694

■ 3147710

■ 8944062

■ 2752702

■ 9931966

■ 10919870

■ 11907774

■ 12830142

■ 13818046

■ 14805950

# Harmonies

## Analogous

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



24021



6045886



10879116

# Triad

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



6045886



9649920



28513

# Complementary

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



6045886



1066536

# 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.



27934



6045886



6445312

# Square

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



6045886



11796499



1468160



28830

# Rectangle

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



6045886



12189796



1468160



28492



# Sweetspot

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



6045886



13747959



4236222



6709117



16579836



8224125



# Same Dimension

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



6045886



6107639



10109118



5723486



2293918



458783



# Inverse Universe

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



12468386



16200139



6602304



6182236



10354811

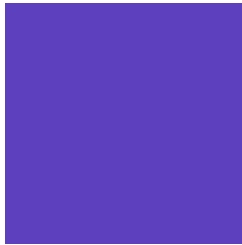


2031640



# Previews

## White Background



This preview shows how the Decimal color 6045886 looks on a white background.

## Color Contrast Check

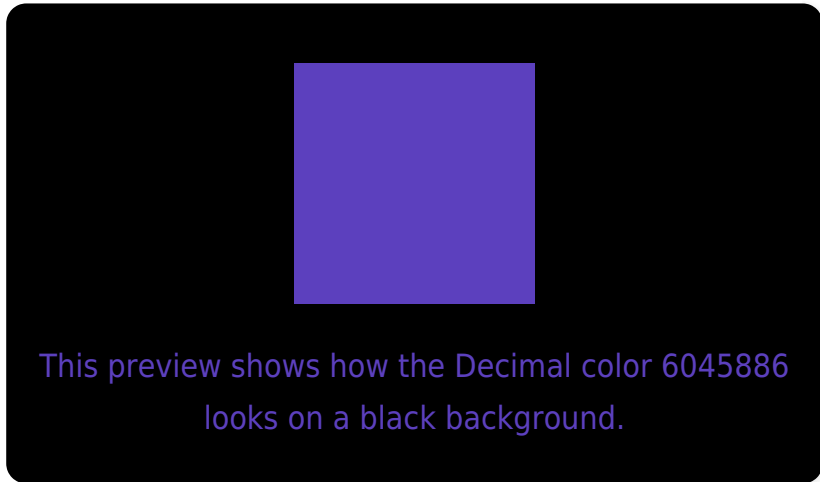
Large Text (above 18pt) WCAG AA ✓ Pass

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

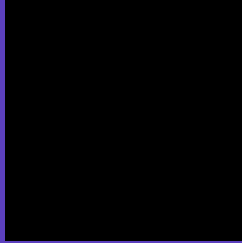
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6045886 Background



This preview shows how black text looks on a background with the Decimal color 6045886.

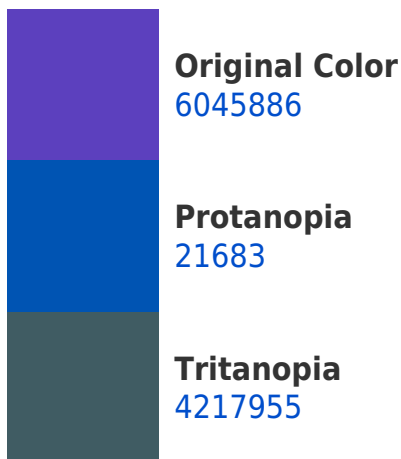


This preview shows how white text looks on a background with the Decimal color 6045886.

# 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



# Trichromacy



**Original Color**  
6045886

**Protanomaly**  
2182583

**Tritanomaly**  
4870788

# Monochromacy



**Original Color**  
6045886

**Achromatopsia**  
5723991

**Achromatomaly**  
5853052

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6045886 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 #5C40BE looks like.

```
.text, #text, p{  
    color:#5C40BE  
}
```

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 #5C40BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C40BE
}
```

## Border

The CSS property to change the border of an element to Decimal 6045886 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
#5C40BE }
```

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

```
.border{ border-color:#5C40BE }
```

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

Here you see how a box with a 4 pixel #5C40BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C40BE; -webkit-box-shadow:4px 4px  
4px 4px #5C40BE; box-shadow:4px 4px 4px  
4px #5C40BE }
```

# Background

The CSS property to change the background color of an element to Decimal 6045886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C40BE }
```

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

```
.background{ background-color:#5C40BE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**



**Follow me  
on Twitter!**

@ConvertingColor