

# Converting Colors

Decimal(6046334)

Have a look what the booklet for  
Decimal(6046334) contains.

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# Color

**Decimal(6046334)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C427E
RGB	92, 66, 126
RGB Percent	36%, 26%, 49%
CMY	0.6392, 0.7412, 0.5059
CMYK	0.27, 0.48, 0.00, 0.51
HSL	266°, 31%, 38%
HSV	266°, 48%, 49%
XYZ	10.1277, 7.6781, 20.6869
YIQ	80.6140, -3.7640, 24.1720

# Conversions

## Conversions Part 2

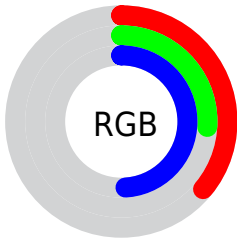
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 66, 126
Decimal	6046334
CIELab	33.30, 24.53, -29.97
CIElCh	33, 38.729, 309.298
Yxy	7.6781, 0.2631, 0.1995
Android (android.graphics.Color)	4284236414 (0xFF5C427E)
YUV	80.6140, 22.3753, 9.9855
Hunter-Lab	27.7094, 16.7501, -24.8674

# Details

The Decimal color **6046334** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **6585922**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **9466803**, and **2823756** is the 20% darker color. If you saturate the color by 10%, you get **5584254**, and if you desaturate by 10%, it is **6508414**.

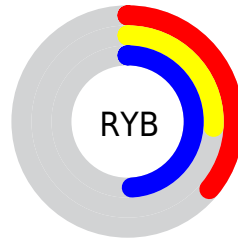
# Distribution



Red (36%)

Green (26%)

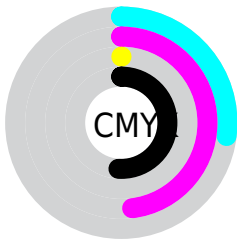
Blue (49%)



Red (36%)

Yellow (26%)

Blue (49%)

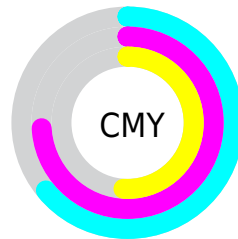


Cyan (27%)

Magenta (48%)

Yellow (0%)

Black (51%)



Cyan (64%)

Magenta (74%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6046334 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 6046334 by changing the saturation by 10% instead.





6046334



6046334

16777215



4402021



9466803



2823756



11242703



1441845



13019115



543



14926591



3



16768767



0



16776191



6046334



6046334



5584254



6508414

■ 5122430

■ 6970238

■ 4660350

■ 7432318

■ 4132990

■ 7959678

■ 3670910

■ 8421758

■ 3604606

■ 8883838

■ 9345662

■ 9807742

■ 10269566

# Harmonies

## Analogous

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



1986443



6046334



8009061

# Triad

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



6046334



7292178



23895

# Complementary

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



6046334



6585922

# 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.



23351



6046334



5591049

# Square

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



6046334



8468777



3430171



23668

# Rectangle

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



6046334



8663376



3430171



23885



# Sweetspot

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



6046334



9866403



4351102



4867154



13750737



5395026



# Same Dimension

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



6046334



7227043



8012414



3946816



3604608



0



# Inverse Universe

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



8274532



10700411



4619842



4208957



8388680



0



# Previews

## White Background



This preview shows how the Decimal color 6046334 looks on a white background.

## Color Contrast Check

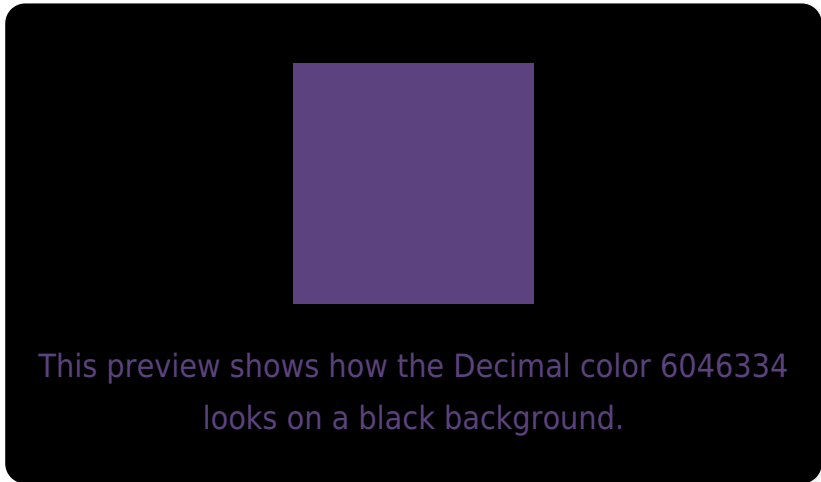
Large Text (above 18pt) WCAG AA ✓ Pass

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

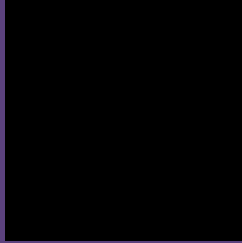
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6046334 Background



This preview shows how black text looks on a background with the Decimal color 6046334.

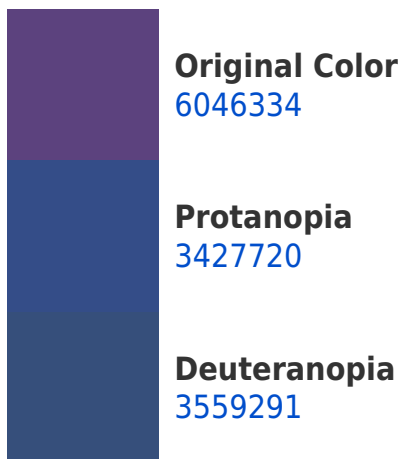



This preview shows how white text looks on a background with the Decimal color 6046334.

# 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**  
5524562

# Trichromacy



**Original Color**  
6046334

**Protanomaly**  
4409732

**Deuteranomaly**  
4475516

**Tritanomaly**  
5720162

# Monochromacy



**Original Color**  
6046334

**Achromatopsia**  
5329233

**Achromatomaly**  
5590113

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6046334 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 #5C427E looks like.

```
.text, #text, p{  
    color:#5C427E  
}
```

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 #5C427E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C427E
}
```

## Border

The CSS property to change the border of an element to Decimal 6046334 is called "border". The border property can be set on classes, ids or directly on the HTML element.

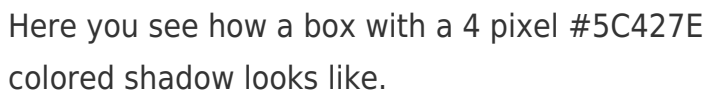
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C427E }
```

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

```
.border{ border-color:#5C427E }
```

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



Here you see how a box with a 4 pixel #5C427E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C427E; -webkit-box-shadow:4px 4px  
4px 4px #5C427E; box-shadow:4px 4px 4px  
4px #5C427E }
```

# Background

The CSS property to change the background color of an element to Decimal 6046334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C427E }
```

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

```
.background{ background-color:#5C427E }
```

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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