

# Converting Colors

Decimal(6376053)

Have a look what the booklet for  
Decimal(6376053) contains.

<b>Decimal(6376053)</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(6376053)**

# Conversions

## Conversions Part 1

Format	Color
Hex	614A75
RGB	97, 74, 117
RGB Percent	38%, 29%, 46%
CMY	0.6196, 0.7098, 0.5412
CMYK	0.17, 0.37, 0.00, 0.54
HSL	272°, 23%, 37%
HSV	272°, 37%, 46%
XYZ	10.5894, 8.7233, 17.9553
YIQ	85.7790, -0.0950, 18.2490

# Conversions

## Conversions Part 2

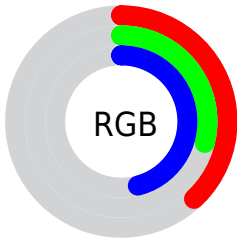
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 74, 117
Decimal	6376053
CIE <sub>Lab</sub>	35.45, 18.84, -20.97
CIE <sub>LCh</sub>	35, 28.195, 311.934
Yxy	8.7233, 0.2841, 0.2341
Android (android.graphics.Color)	4284566133 (0xFF614A75)
YUV	85.7790, 15.3920, 9.8408
Hunter-Lab	29.5352, 12.3119, -15.3693




# Details

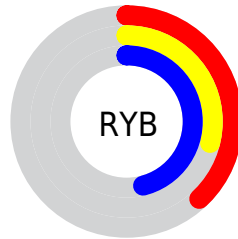
The Decimal color **6376053** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6190410**, and the grayscale version is **5658198**.




A 20% lighter version of the original color is **9730985**, and **3219012** is the 20% darker color. If you saturate the color by 10%, you get **6045301**, and if you desaturate by 10%, it is **6706805**.

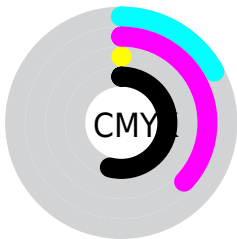
# Distribution







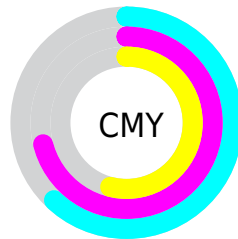
-  Red (38%)
-  Green (29%)
-  Blue (46%)






-  Red (38%)
-  Yellow (29%)
-  Blue (46%)



-  Cyan (17%)
-  Magenta (37%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (62%)
-  Magenta (71%)
-  Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6376053 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 6376053 by changing the saturation by 10% instead.



6376053

6376053

16777215

4797276

9730985

3219012

11507141

1836846

13349089

281

15191037

0

16771071

6376053

6376053

6045301

6706805

5649269

7102837

■ 5318517

■ 7433589

■ 4922229

■ 7829877

■ 4591477

■ 8160373

■ 4195445

■ 8556661

■ 4128885

■ 8887413

■ 9283701

■ 9614197

# Harmonies

## Analogous

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



4150143



6376053



7750498

# Triad

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



6376053



7163176



24412

# Complementary

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



6376053



6190410

# 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.



2055749



6376053



5788966

# Square

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



6376053



8013110



4217649



24177

# Rectangle

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



6376053



8208723



4217649



24404



# Sweetspot

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



6376053



9537689



4873845



4735821



13421772



5066061



# Same Dimension

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



6376053



8017561



7686772



3683643



4259962



8782074



# Inverse Universe

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



7686750



10049141



4879691



3880248



7995449



16384116



# Previews

## White Background



This preview shows how the Decimal color 6376053 looks on a white background.

## Color Contrast Check

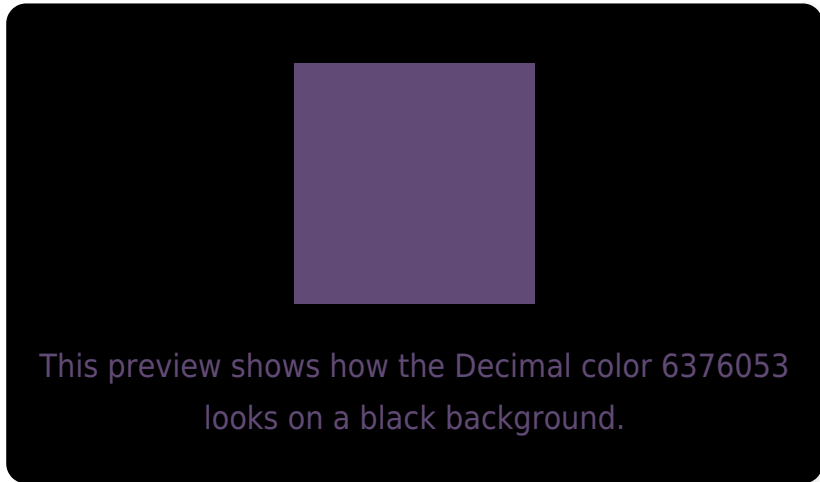
Large Text (above 18pt) WCAG AA ✓ Pass

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

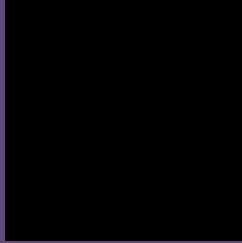
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6376053 Background



This preview shows how black text looks on a background with the Decimal color 6376053.

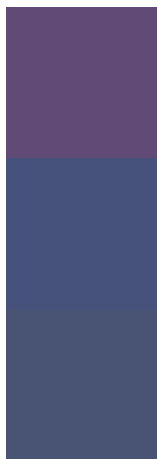


This preview shows how white text looks on a background with the Decimal color 6376053.

# 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



**Original Color**  
6376053

**Protanopia**  
4608636

**Deuteranopia**  
4805491



**Tritanopia**  
6049879

# Trichromacy



**Original Color**  
6376053

**Protanomaly**  
5263225

**Deuteranomaly**  
5394548

**Tritanomaly**  
6180450

# Monochromacy



**Original Color**  
6376053

**Achromatopsia**  
5658198

**Achromatomaly**  
5919329

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6376053 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 #614A75 looks like.

```
.text, #text, p{  
    color:#614A75  
}
```

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 #614A75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #614A75  
}
```

## Border

The CSS property to change the border of an element to Decimal 6376053 is called "border". The border property can be set on classes, ids or directly on the HTML element.

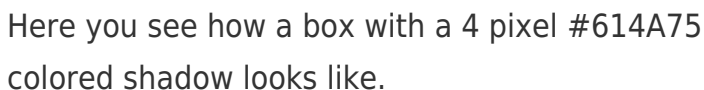
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#614A75 }
```

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

```
.border{ border-color:#614A75 }
```

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



Here you see how a box with a 4 pixel #614A75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #614A75; -webkit-box-shadow:4px 4px  
4px 4px #614A75; box-shadow:4px 4px 4px  
4px #614A75 }
```

# Background

The CSS property to change the background color of an element to Decimal 6376053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#614A75 }
```

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

```
.background{ background-color:#614A75 }
```

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