

# Converting Colors

Decimal(6576229)

Have a look what the booklet for  
Decimal(6576229) contains.

<b>Decimal(6576229)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(6576229)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	645865
RGB	100, 88, 101
RGB Percent	39%, 35%, 40%
CMY	0.6078, 0.6549, 0.6039
CMYK	0.01, 0.13, 0.00, 0.60
HSL	295°, 7%, 37%
HSV	295°, 13%, 40%
XYZ	11.0942, 10.6284, 13.7787
YIQ	93.0700, 2.9790, 6.5870

# Conversions

## Conversions Part 2

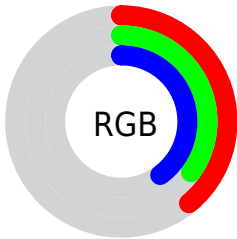
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 88, 101
Decimal	6576229
CIE Lab	38.95, 7.51, -5.67
CIE LCh	39, 9.415, 322.944
Yxy	10.6284, 0.3125, 0.2994
Android (android.graphics.Color)	4284766309 (0xFF645865)
YUV	93.0700, 3.9095, 6.0776
Hunter-Lab	32.6012, 3.6917, -2.2377

# Details

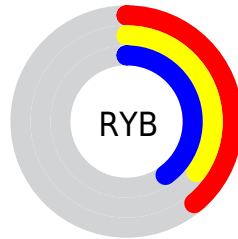
The Decimal color **6576229** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5858648**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **9931416**, and **3484470** is the 20% darker color. If you saturate the color by 10%, you get **6508133**, and if you desaturate by 10%, it is **6644325**.

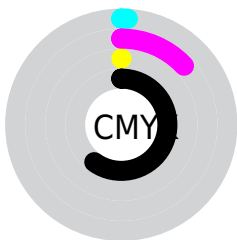
# Distribution



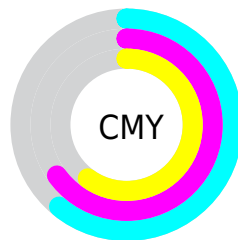
- Red (39%)
- Green (35%)
- Blue (40%)



- Red (39%)
- Yellow (35%)
- Blue (40%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (65%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6576229 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 6576229 by changing the saturation by 10% instead.



6576229

6576229

16777215

4997453

9931416

3484470

11707571

2102817

13483982

196618

15326186

0

16775423

6576229

6576229

6508133

6644325

6440037

6712421

6437477

6714981

6369381

6783077

6301285

6851429

6232933

6919525

6230373

6922085

6162277

6990181

6094949

7058277

# Harmonies

## Analogous

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



5986922



6576229



6969182

# Triad

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



6576229



6576973



4743265

# Complementary

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



6576229



5858648

# 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.



4939866



6576229



5987662

# Square

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



6576229



6969424



5463890



4874088

# Rectangle

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



6576229



7099993



5463890



4808799



# Sweetspot

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



6576229



8551810



5790053



4341570



12763842



4342338



# Same Dimension

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



6576229



8482690



6641760



3354163



6946931



14680306



# Inverse Universe

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



6641753



8548208



5793117



3354158



7536649



15859731



# Previews

## White Background



This preview shows how the Decimal color 6576229 looks on a white background.

## Color Contrast Check

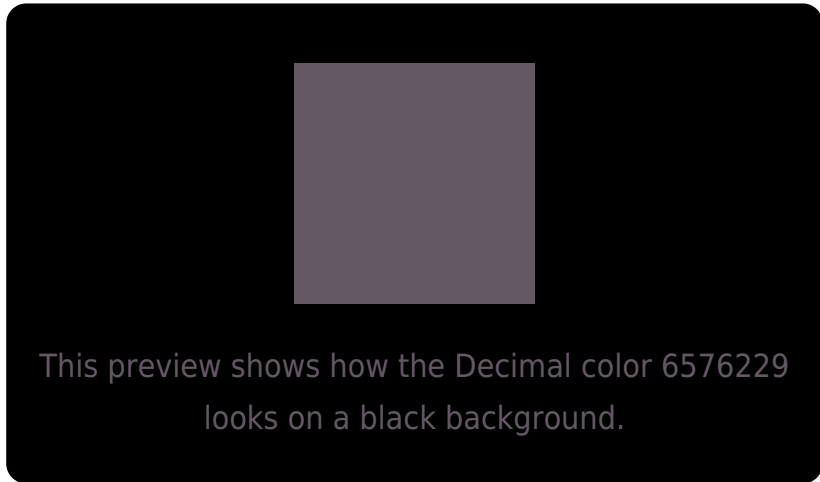
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

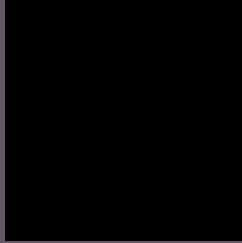
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6576229 Background



This preview shows how black text looks on a background with the Decimal color 6576229.



This preview shows how white text looks on a background with the Decimal color 6576229.

# 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**

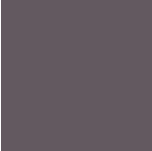
6576229

**Protanopia**

5921639

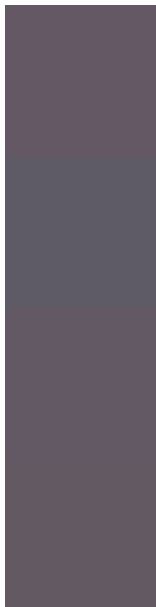
**Deuteranopia**

6379877



**Tritanopia**  
6510944

# Trichromacy



**Original Color**

6576229

**Protanomaly**

6183526

**Deuteranomaly**

6445413

**Tritanomaly**

6510946

# Monochromacy



**Original Color**

6576229

**Achromatopsia**

6118749

**Achromatomaly**

6314848

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6576229 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 #645865 looks like.

```
.text, #text, p{  
    color:#645865  
}
```

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 #645865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645865
}
```

## Border

The CSS property to change the border of an element to Decimal 6576229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

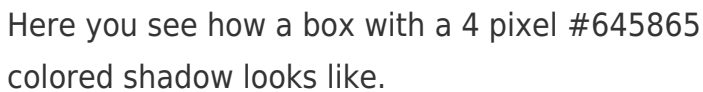
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645865 }
```

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

```
.border{ border-color:#645865 }
```

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



Here you see how a box with a 4 pixel #645865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645865; -webkit-box-shadow:4px 4px  
4px 4px #645865; box-shadow:4px 4px 4px  
4px #645865 }
```

# Background

The CSS property to change the background color of an element to Decimal 6576229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645865 }
```

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

```
.background{ background-color:#645865 }
```

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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