

# Converting Colors

Decimal(6580084)

Have a look what the booklet for  
Decimal(6580084) contains.

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# Color

**Decimal(6580084)**

# Conversions

## Conversions Part 1

Format	Color
Hex	646774
RGB	100, 103, 116
RGB Percent	39%, 40%, 45%
CMY	0.6078, 0.5961, 0.5451
CMYK	0.14, 0.11, 0.00, 0.55
HSL	229°, 7%, 42%
HSV	229°, 14%, 45%
XYZ	13.2582, 13.6708, 18.4629
YIQ	103.5850, -5.9610, 3.4070

# Conversions

## Conversions Part 2

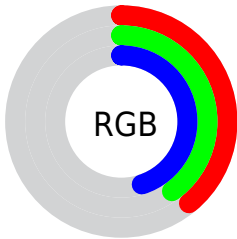
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 103, 116
Decimal	6580084
CIE Lab	43.76, 1.74, -7.67
CIE LCh	44, 7.864, 282.754
Yxy	13.6708, 0.2921, 0.3012
Android (android.graphics.Color)	4284770164 (0xFF646774)
YUV	103.5850, 6.1206, -3.1440
Hunter-Lab	36.9740, -0.6979, -3.7246

# Details

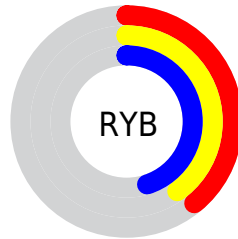
The Decimal color **6580084** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7631204**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **9935528**, and **3487812** is the 20% darker color. If you saturate the color by 10%, you get **5791348**, and if you desaturate by 10%, it is **7368820**.

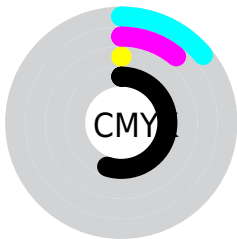
# Distribution



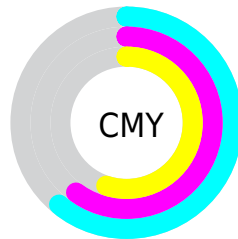
- Red (39%)
- Green (40%)
- Blue (45%)



- Red (39%)
- Yellow (40%)
- Blue (45%)



- Cyan (14%)
- Magenta (11%)
- Yellow (0%)
- Black (55%)



- Cyan (61%)
- Magenta (60%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6580084 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 6580084 by changing the saturation by 10% instead.





6580084



6580084

16777215



5001051



9935528



3487812



11711939



2106158



13488351



593177



15330812



0



6580084



6580084



5791348



7368820



5067892



8092276



4279156



8881012

■ 3555700

■ 9604468

■ 2766964

■ 10393204

■ 1977972

■ 11182196

■ 1254772

■ 11905396

■ 466036

■ 12694132

■ 5748

■ 13417588

# Harmonies

## Analogous

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



6056308



6580084



7103857

# Triad

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



6580084



7693407



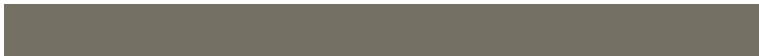
6056803

# Complementary

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



6580084



7631204

# 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.



6449758



6580084



7366235

# Square

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



6580084



7693157



6973531



5729130

# Rectangle

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



6580084



7431277



6973531



6187873



# Sweetspot

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



6580084



9474710



6583409



4802893



13421772



5066061



# Same Dimension

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



6580084



8225430



6906996



3487291



6010



12282



# Inverse Universe

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



7627879



9862530



7304292



3880246



7995415



16384047



# Previews

## White Background



This preview shows how the Decimal color 6580084 looks on a white background.

## Color Contrast Check

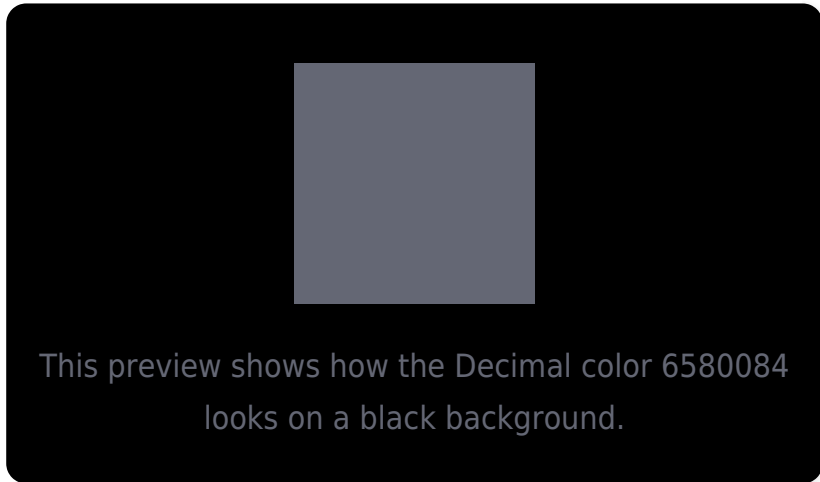
Large Text (above 18pt) WCAG AA ✓ Pass

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

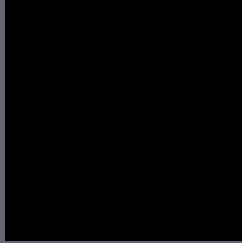
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

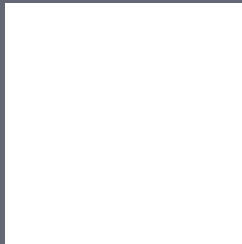
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6580084 Background



This preview shows how black text looks on a background with the Decimal color 6580084.



This preview shows how white text looks on a background with the Decimal color 6580084.

# 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**


6580084

**Protanopia**

6645620

**Deuteranopia**

7038324



**Tritanopia**  
6514800

# Trichromacy



**Original Color**

6580084

**Protanomaly**

6645620

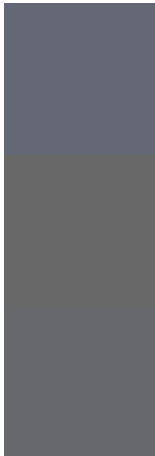
**Deuteranomaly**

6841972

**Tritanomaly**

6514801

# Monochromacy



**Original Color**

6580084

**Achromatopsia**

6842472

**Achromatomaly**

6776940

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6580084 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 #646774 looks like.

```
.text, #text, p{  
    color:#646774  
}
```

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 #646774 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646774
}
```

## Border

The CSS property to change the border of an element to Decimal 6580084 is called "border". The border property can be set on classes, ids or directly on the HTML element.

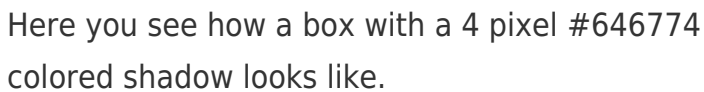
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646774 }
```

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

```
.border{ border-color:#646774 }
```

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



Here you see how a box with a 4 pixel #646774 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646774; -webkit-box-shadow:4px 4px  
4px 4px #646774; box-shadow:4px 4px 4px  
4px #646774 }
```

# Background

The CSS property to change the background color of an element to Decimal 6580084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646774 }
```

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

```
.background{ background-color:#646774 }
```

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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