

# Converting Colors

Decimal(7835064)

Have a look what the booklet for  
Decimal(7835064) contains.

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# Color

**Decimal(7835064)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	778DB8
RGB	119, 141, 184
RGB Percent	47%, 55%, 72%
CMY	0.5333, 0.4471, 0.2784
CMYK	0.35, 0.23, 0.00, 0.28
HSL	220°, 31%, 59%
HSV	220°, 35%, 72%
XYZ	25.7844, 26.4324, 49.0904
YIQ	139.3240, -26.9150, 8.7090

# Conversions

## Conversions Part 2

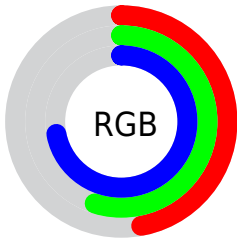
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 135, 184
Decimal	7835064
CIE <sub>Lab</sub>	58.45, 2.79, -25.01
CIE <sub>LCh</sub>	58, 25.160, 276.368
Yxy	26.4324, 0.2545, 0.2609
Android (android.graphics.Color)	4286025144 (0xFF778DB8)
YUV	139.3240, 22.0253, -17.8241
Hunter-Lab	51.4124, -0.4505, -20.6235

# Details

The Decimal color **7835064** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **12100215**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **11387632**, and **4479875** is the 20% darker color. If you saturate the color by 10%, you get **6652344**, and if you desaturate by 10%, it is **9017784**.

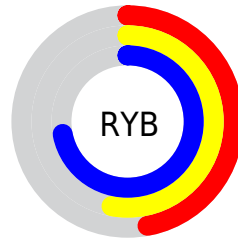
# Distribution



Red (47%)

Green (55%)

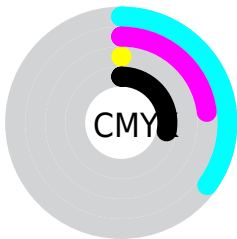
Blue (72%)



Red (47%)

Yellow (53%)

Blue (72%)

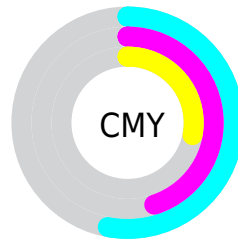


Cyan (35%)

Magenta (23%)

Yellow (0%)

Black (28%)



Cyan (53%)

Magenta (45%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7835064 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 7835064 by changing the saturation by 10% instead.



■ 7835064

■ 7835064

16777215

■ 6124701

■ 11387632

■ 4479875

■ 13229823

■ 2770025

■ 15072255

■ 929361

■ 6458

■ 548

■ 12

■ 0

■ 7835064

■ 7835064

■ 6652344

■ 9017784

■ 5404088

■ 10266040

■ 4221112

■ 11449016

■ 2972856

■ 12697272

■ 1790136

■ 13879992

■ 607416

■ 15062712

■ 16056

■ 16310968

■ 16772792

■ 16776120

# Harmonies

## Analogous

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



5805236



7835064



9864624

# Triad

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



7835064



12025715



6723450

# Complementary

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



7835064



12100215

# 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.



8360809



7835064



11240805

# Square

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



7835064



12090505



9997665



5216657

# Rectangle

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



7835064



10912165



9997665



7247475



# Sweetspot

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



7835064



14016240



7846049



6844024



16250871



7895160



# Same Dimension

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



7835064



9154032



8484792



5461596



13724



2332



# Inverse Universe

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



12089229



15764397



11450487



6050646



10223669



1835017



# Previews

## White Background



This preview shows how the Decimal color 7835064 looks on a white 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

# Black Background



This preview shows how the Decimal color 7835064 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

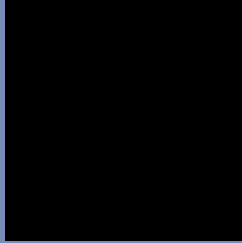
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

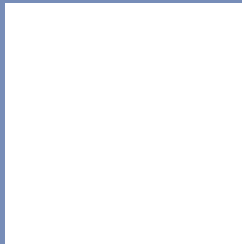
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7835064 Background



This preview shows how black text looks on a background with the Decimal color 7835064.

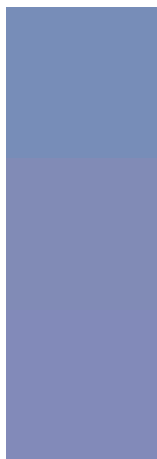


This preview shows how white text looks on a background with the Decimal color 7835064.

# 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**

7835064

**Protanopia**

8489910

**Deuteranopia**

8555193



**Tritanopia**  
7443101

# Trichromacy



**Original Color**  
7835064

**Protanomaly**  
8228023

**Deuteranomaly**  
8293305

**Tritanomaly**  
7573671

# Monochromacy



**Original Color**  
7835064

**Achromatopsia**  
9145227

**Achromatomaly**  
8686747

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7835064 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 #778DB8 looks like.

```
.text, #text, p{  
    color:#778DB8  
}
```

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 #778DB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778DB8  
}
```

## Border

The CSS property to change the border of an element to Decimal 7835064 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  
#778DB8 }
```

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

```
.border{ border-color:#778DB8 }
```

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

Here you see how a box with a 4 pixel #778DB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778DB8; -webkit-box-shadow:4px 4px  
4px 4px #778DB8; box-shadow:4px 4px 4px  
4px #778DB8 }
```

# Background

The CSS property to change the background color of an element to Decimal 7835064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778DB8 }
```

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

```
.background{ background-color:#778DB8 }
```

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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