

# Converting Colors

Decimal(8028344)

Have a look what the booklet for  
Decimal(8028344) contains.

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# Color

**Decimal(8028344)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A80B8
RGB	122, 128, 184
RGB Percent	48%, 50%, 72%
CMY	0.5216, 0.4980, 0.2784
CMYK	0.34, 0.30, 0.00, 0.28
HSL	234°, 30%, 60%
HSV	234°, 34%, 72%
XYZ	24.3969, 23.0366, 48.5081
YIQ	132.5900, -21.5520, 16.1440

# Conversions

## Conversions Part 2

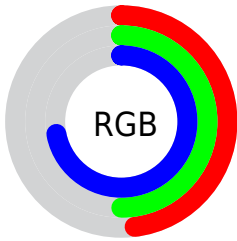
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 127, 184
Decimal	8028344
CIE <sub>Lab</sub>	55.11, 11.25, -30.15
CIE <sub>LCh</sub>	55, 32.178, 290.470
Yxy	23.0366, 0.2543, 0.2401
Android (android.graphics.Color)	4286218424 (0xFF7A80B8)
YUV	132.5900, 25.3451, -9.2874
Hunter-Lab	47.9965, 6.7390, -26.3244

# Details

The Decimal color **8028344** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12104314**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **11580912**, and **4673411** is the 20% darker color. If you saturate the color by 10%, you get **6844344**, and if you desaturate by 10%, it is **9212344**.

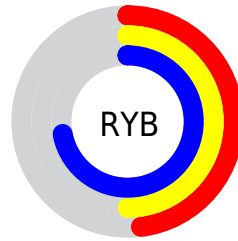
# Distribution



Red (48%)

Green (50%)

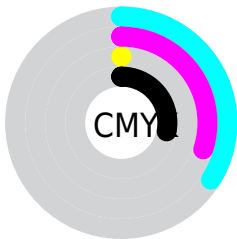
Blue (72%)



Red (48%)

Yellow (50%)

Blue (72%)

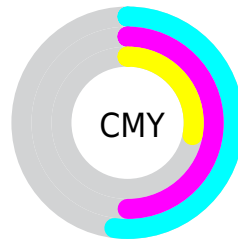


Cyan (34%)

Magenta (30%)

Yellow (0%)

Black (28%)



Cyan (52%)

Magenta (50%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8028344 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 8028344 by changing the saturation by 10% instead.



■ 8028344

■ 8028344

16777215

■ 6317981

■ 11580912

■ 4673411

■ 13422847

■ 2963561

■ 15330559

■ 1188689

■ 3642

■ 548

■ 11

■ 0

■ 8028344

■ 8028344

6844344

9212344

5595064

10461624

4411064

11645624

3161784

12894904

1977784

14078904

793784

15262904

4792

16512184

16777144

# Harmonies

## Analogous

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



4950458



8028344



10385064

# Triad

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



8028344



11695706



4100730

# Complementary

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



8028344



12104314

# 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.



6524767



8028344



10387277

# Square

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



8028344



12218226



8620111



758678

# Rectangle

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



8028344



11497879



8620111



4952432



# Sweetspot

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



8028344



14211824



8042674



6908792



16250871



7895160



# Same Dimension

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



8028344



9476592



9665208



5461084



3996



796



# Inverse Universe

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



12089984



15765657



10467450



6050644



10223631



1835011



# Previews

## White Background



This preview shows how the Decimal color 8028344 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 8028344 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

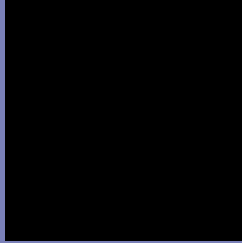
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8028344 Background



This preview shows how black text looks on a background with the Decimal color 8028344.



This preview shows how white text looks on a background with the Decimal color 8028344.

# 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](#).

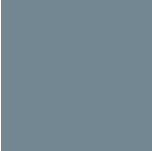
## Dichromacy



**Original Color**  
8028344

**Protanopia**  
7570105

**Deuteranopia**  
7504568



**Tritanopia**  
7505810

# Trichromacy



**Original Color**  
8028344

**Protanomaly**  
7766457

**Deuteranomaly**  
7700920

**Tritanomaly**  
7701664

# Monochromacy



**Original Color**  
8028344

**Achromatopsia**  
8750469

**Achromatomaly**  
8487832

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8028344 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 #7A80B8 looks like.

```
.text, #text, p{  
    color:#7A80B8  
}
```

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 #7A80B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A80B8
}
```

## Border

The CSS property to change the border of an element to Decimal 8028344 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
#7A80B8 }
```

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

```
.border{ border-color:#7A80B8 }
```

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

Here you see how a box with a 4 pixel #7A80B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A80B8; -webkit-box-shadow:4px 4px  
4px 4px #7A80B8; box-shadow:4px 4px 4px  
4px #7A80B8 }
```

# Background

The CSS property to change the background color of an element to Decimal 8028344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A80B8 }
```

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

```
.background{ background-color:#7A80B8 }
```

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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