

# Converting Colors

Decimal(8428964)

Have a look what the booklet for  
Decimal(8428964) contains.

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# **Color**

**Decimal(8428964)**

# Conversions

## Conversions Part 1

Format	Color
Hex	809DA4
RGB	128, 157, 164
RGB Percent	50%, 62%, 64%
CMY	0.4980, 0.3843, 0.3569
CMYK	0.22, 0.04, 0.00, 0.36
HSL	192°, 17%, 57%
HSV	192°, 22%, 64%
XYZ	27.6599, 31.3835, 39.7217
YIQ	149.1270, -19.5310, -3.9710

# Conversions

## Conversions Part 2

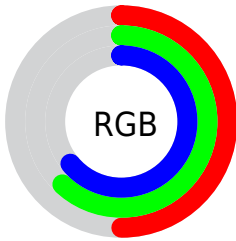
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 144, 164
Decimal	8428964
CIE <sub>Lab</sub>	62.83, -8.44, -6.99
CIE <sub>LCh</sub>	63, 10.964, 219.628
Yxy	31.3835, 0.2801, 0.3178
Android (android.graphics.Color)	4286619044 (0xFF809DA4)
YUV	149.1270, 7.3324, -18.5284
Hunter-Lab	56.0210, -9.9037, -2.8250

# Details

The Decimal color **8428964** is a light color, and the websafe version is hex **669999**. A complement of this color would be **10782592**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **11916507**, and **5139056** is the 20% darker color. If you saturate the color by 10%, you get **7379620**, and if you desaturate by 10%, it is **9478308**.

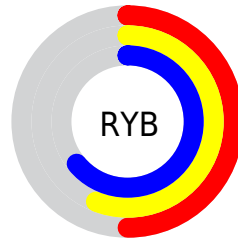
# Distribution



Red (50%)

Green (62%)

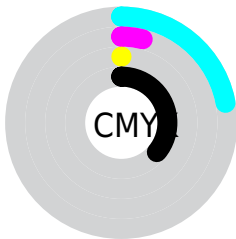
Blue (64%)



Red (50%)

Yellow (56%)

Blue (64%)

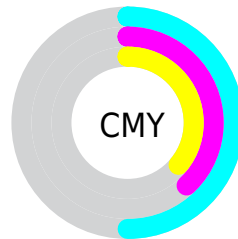


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (36%)



Cyan (50%)

Magenta (38%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8428964 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 8428964 by changing the saturation by 10% instead.





8428964



8428964

16777215



6783882



11916507



5139056



13758711



3560024



15663103



2046785



533803



4118



0



8428964



8428964



7379620



9478308

6264740

10593188

5215140

11642788

4100260

12757668

3050916

13807012

2001572

14856356

886692

15971236

33956

16758692

16759460

# Harmonies

## Analogous

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



8429211



8428964



8821674

# Triad

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



8428964



11047583



10328197

# Complementary

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



8428964



10782592

# 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.



10917254



8428964



11374997

# Square

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



8428964



10392999



11309964



9542537

# Rectangle

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



8428964



9345451



11309964



10524549



# Sweetspot

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



8428964



13095894



8430727



6515051



15461355



7039851



# Same Dimension

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



8428964



10472406



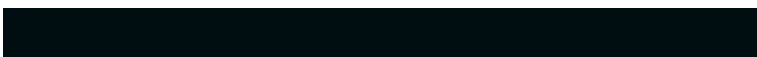
8424356



4804690



30097



3602



# Inverse Universe

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



10780829



14065611



10787200



5392720



9502837



1179662



# Previews

## White Background



This preview shows how the Decimal color 8428964 looks on a white background.

## Color Contrast Check

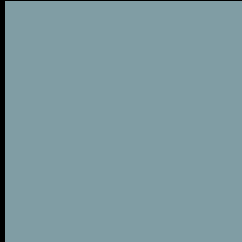
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 8428964 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 ✓ Pass

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



## Decimal 8428964 Background



This preview shows how black text looks on a background with the Decimal color 8428964.




This preview shows how white text looks on a background with the Decimal color 8428964.

# 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](#).

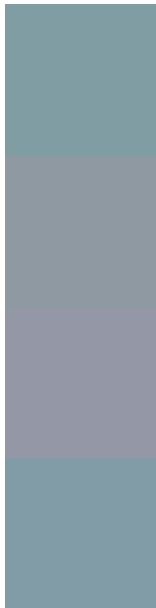
## Dichromacy





**Tritanopia**  
8494249

# Trichromacy



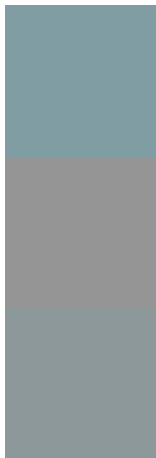
**Original Color**  
8428964

**Protanomaly**  
9410977

**Deuteranomaly**  
9738149

**Tritanomaly**  
8494247

# Monochromacy



**Original Color**  
8428964

**Achromatopsia**  
9803157

**Achromatomaly**  
9279642

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8428964 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 #809DA4 looks like.

```
.text, #text, p{  
    color:#809DA4  
}
```

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 #809DA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809DA4
}
```

## Border

The CSS property to change the border of an element to Decimal 8428964 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
#809DA4 }
```

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

```
.border{ border-color:#809DA4 }
```

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

Here you see how a box with a 4 pixel #809DA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809DA4; -webkit-box-shadow:4px 4px  
4px 4px #809DA4; box-shadow:4px 4px 4px  
4px #809DA4 }
```

# Background

The CSS property to change the background color of an element to Decimal 8428964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809DA4 }
```

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

```
.background{ background-color:#809DA4 }
```

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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