

# Converting Colors

Decimal(8100801)

Have a look what the booklet for  
Decimal(8100801) contains.

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# **Color**

**Decimal(8100801)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B9BC1
RGB	123, 155, 193
RGB Percent	48%, 61%, 76%
CMY	0.5176, 0.3922, 0.2431
CMYK	0.36, 0.20, 0.00, 0.24
HSL	213°, 36%, 62%
HSV	213°, 36%, 76%
XYZ	29.5154, 31.5039, 54.9773
YIQ	149.7640, -31.2700, 5.0340

# Conversions

## Conversions Part 2

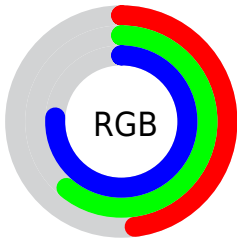
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 145, 193
Decimal	8100801
CIE <sub>Lab</sub>	62.93, -1.63, -23.17
CIE <sub>LCh</sub>	63, 23.229, 265.978
Yxy	31.5039, 0.2545, 0.2716
Android (android.graphics.Color)	4286290881 (0xFF7B9BC1)
YUV	149.7640, 21.3153, -23.4720
Hunter-Lab	56.1283, -4.3595, -18.7843

# Details

The Decimal color **8100801** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **12689787**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **11653626**, and **4679819** is the 20% darker color. If you saturate the color by 10%, you get **6853057**, and if you desaturate by 10%, it is **9348545**.

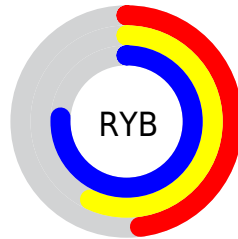
# Distribution



Red (48%)

Green (61%)

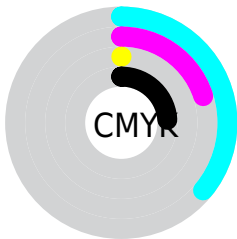
Blue (76%)



Red (48%)

Yellow (57%)

Blue (76%)

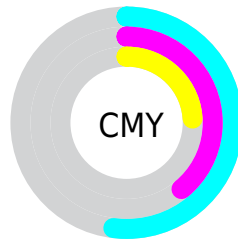


Cyan (36%)

Magenta (20%)

Yellow (0%)

Black (24%)



Cyan (52%)

Magenta (39%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8100801 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 8100801 by changing the saturation by 10% instead.





8100801



8100801

16777215



6390182



11653626



4679819



13561599



2969714



15400959



1063257



9282



3627



278



0



8100801



8100801

■ 6853057

■ 9348545

■ 5539521

■ 10662081

■ 4291777

■ 11909825

■ 3043777

■ 13157825

■ 1796033

■ 14471105

■ 482497

■ 15719105

■ 22721

■ 16770241

■ 16773057

■ 16775617

# Harmonies

## Analogous

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



6529466



8100801



9999549

# Triad

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



8100801



12749447



8233345

# Complementary

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



8100801



12689787

# 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.



9739379



8100801



12226423

# Square

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



8100801



12552860



11179631



6792341

# Rectangle

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



8100801



11112373



11179631



8757371

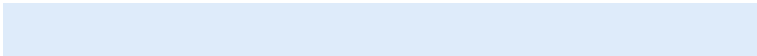


# Sweetspot

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



8100801



14609402



8110496



7173245



16579836



8224125

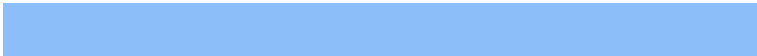


# Same Dimension

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



8100801



9223930



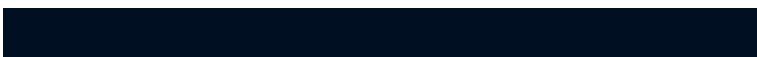
8223681



5725281



18849



3873



# Inverse Universe

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



12680091



16420030



12566907



6379356



10551369

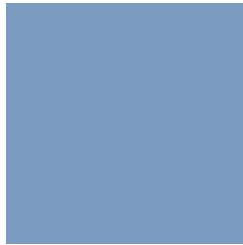


2162703



# Previews

## White Background



This preview shows how the Decimal color 8100801 looks on a white background.

## Color Contrast Check

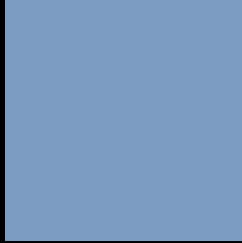
Large Text (above 18pt) WCAG AA × Fail

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 8100801 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

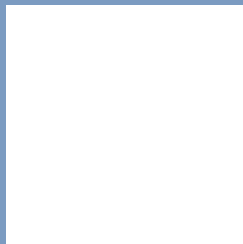
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8100801 Background



This preview shows how black text looks on a background with the Decimal color 8100801.



This preview shows how white text looks on a background with the Decimal color 8100801.

# 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



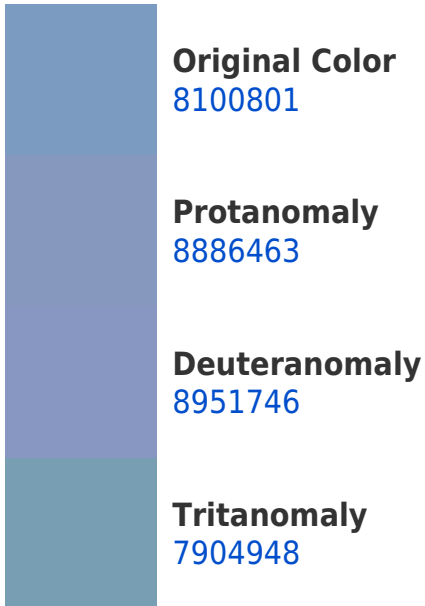
**Original Color**  
8100801

**Protanopia**  
9344702

**Deuteranopia**  
9475522



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8100801 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 #7B9BC1 looks like.

```
.text, #text, p{  
    color:#7B9BC1  
}
```

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 #7B9BC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9BC1
}
```

## Border

The CSS property to change the border of an element to Decimal 8100801 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
#7B9BC1 }
```

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

```
.border{ border-color:#7B9BC1 }
```

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

Here you see how a box with a 4 pixel #7B9BC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9BC1; -webkit-box-shadow:4px 4px  
4px 4px #7B9BC1; box-shadow:4px 4px 4px  
4px #7B9BC1 }
```

# Background

The CSS property to change the background color of an element to Decimal 8100801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9BC1 }
```

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

```
.background{ background-color:#7B9BC1 }
```

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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