

# Converting Colors

Decimal(6723231)

Have a look what the booklet for  
Decimal(6723231) contains.

<b>Decimal(6723231)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6723231)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	66969F
RGB	102, 150, 159
RGB Percent	40%, 59%, 62%
CMY	0.6000, 0.4118, 0.3765
CMYK	0.36, 0.06, 0.00, 0.38
HSL	189°, 23%, 51%
HSV	189°, 36%, 62%
XYZ	22.6438, 27.1407, 36.8461
YIQ	136.6740, -31.4970, -7.3770

# Conversions

## Conversions Part 2

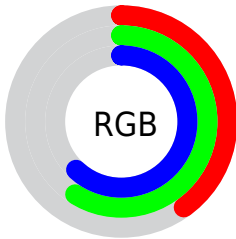
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 128, 159
Decimal	6723231
CIE <sub>Lab</sub>	59.10, -13.76, -9.88
CIE <sub>LCh</sub>	59, 16.944, 215.674
Yxy	27.1407, 0.2614, 0.3133
Android (android.graphics.Color)	4284913311 (0xFF66969F)
YUV	136.6740, 11.0067, -30.4091
Hunter-Lab	52.0967, -13.5842, -5.4660

# Details

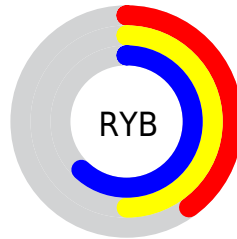
The Decimal color **6723231** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10448742**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **10210518**, and **3367788** is the 20% darker color. If you saturate the color by 10%, you get **5673887**, and if you desaturate by 10%, it is **7772575**.

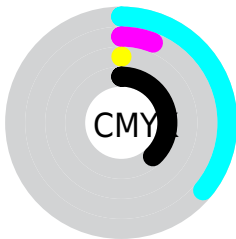
# Distribution



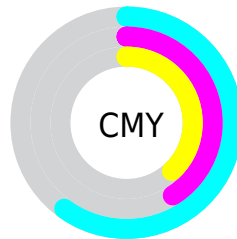
- Red (40%)
- Green (59%)
- Blue (62%)



- Red (40%)
- Yellow (50%)
- Blue (62%)



- Cyan (36%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



- Cyan (60%)
- Magenta (41%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6723231 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 6723231 by changing the saturation by 10% instead.





6723231



6723231

16777215



5012613



10210518



3367788



12052722



1592147



13893631



13372



15794175



7975



274



0



6723231



6723231



5673887



7772575

■ 4624799

■ 8821663

■ 3575455

■ 9871007

■ 2526367

■ 10920095

■ 1477023

■ 11969439

■ 493471

■ 12952991

■ 34463

■ 14002335

■ 15051423

■ 16100767

# Harmonies

## Analogous

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



6920081



6723231



7312297

# Triad

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



6723231



10782107



9932401

# Complementary

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



6723231



10448742

# 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.



10783092



6723231



11306124

# Square

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



6723231



9734822



11306366



8819574

# Rectangle

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



6723231



8032428



11306366



10259569



# Sweetspot

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



6723231



12110799



6725487



5989993



15263976



6908265



# Same Dimension

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



6723231



7782863



6716063



4673103



30863



3343



# Inverse Universe

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



10446486



13596353



10455910



5195598



9371768

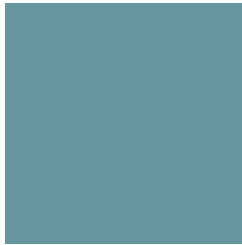


983053



# Previews

## White Background



This preview shows how the Decimal color 6723231 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 6723231 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

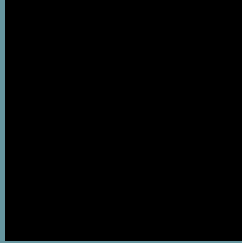
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6723231 Background



This preview shows how black text looks on a background with the Decimal color 6723231.

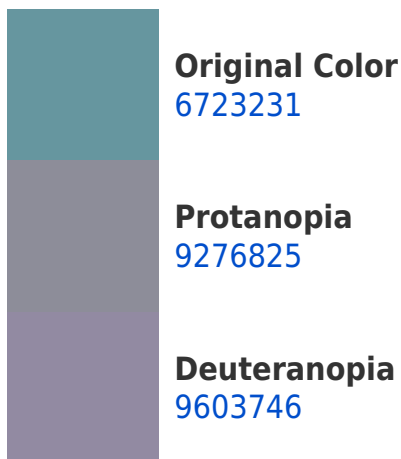


This preview shows how white text looks on a background with the Decimal color 6723231.

# 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**  
6788770

# Trichromacy



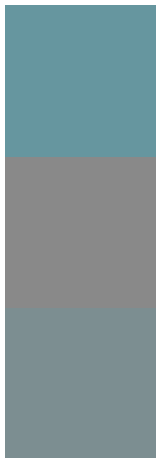
**Original Color**  
6723231

**Protanomaly**  
8360091

**Deuteranomaly**  
8556193

**Tritanomaly**  
6788769

# Monochromacy



**Original Color**  
6723231

**Achromatopsia**  
9013641

**Achromatomaly**  
8162961

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6723231 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 #66969F looks like.

```
.text, #text, p{  
    color:#66969F  
}
```

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 #66969F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66969F
}
```

## Border

The CSS property to change the border of an element to Decimal 6723231 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
#66969F }
```

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

```
.border{ border-color:#66969F }
```

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

Here you see how a box with a 4 pixel #66969F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66969F; -webkit-box-shadow:4px 4px  
4px 4px #66969F; box-shadow:4px 4px 4px  
4px #66969F }
```

# Background

The CSS property to change the background color of an element to Decimal 6723231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66969F }
```

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

```
.background{ background-color:#66969F }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor