

# Converting Colors

Decimal(6256792)

Have a look what the booklet for  
Decimal(6256792) contains.

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# Color

**Decimal(6256792)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F7898
RGB	95, 120, 152
RGB Percent	37%, 47%, 60%
CMY	0.6275, 0.5294, 0.4039
CMYK	0.38, 0.21, 0.00, 0.40
HSL	214°, 23%, 48%
HSV	214°, 38%, 60%
XYZ	17.1033, 18.1328, 32.3043
YIQ	116.1730, -25.1720, 4.6520

# Conversions

## Conversions Part 2

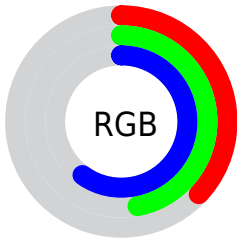
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 112, 152
Decimal	6256792
CIE <sub>Lab</sub>	49.66, -0.72, -20.19
CIE <sub>LCh</sub>	50, 20.204, 267.954
Yxy	18.1328, 0.2532, 0.2685
Android (android.graphics.Color)	4284446872 (0xFF5F7898)
YUV	116.1730, 17.6627, -18.5687
Hunter-Lab	42.5827, -2.8253, -15.1711

# Details

The Decimal color **6256792** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9994079**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **9678030**, and **2967653** is the 20% darker color. If you saturate the color by 10%, you get **5271448**, and if you desaturate by 10%, it is **7242136**.

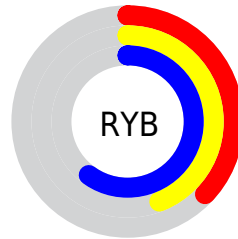
# Distribution



Red (37%)

Green (47%)

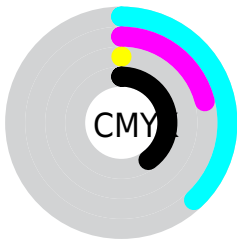
Blue (60%)



Red (37%)

Yellow (44%)

Blue (60%)

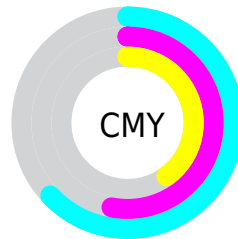


Cyan (38%)

Magenta (21%)

Yellow (0%)

Black (40%)



Cyan (63%)

Magenta (53%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6256792 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 6256792 by changing the saturation by 10% instead.



■ 6256792

■ 6256792

16777215

■ 4611966

■ 9678030

■ 2967653

■ 11454443

■ 1257805

■ 13296639

■ 7478

■ 15204351

■ 545

■ 6

■ 0

■ 6256792

■ 6256792

■ 5271448

■ 7242136

■ 4286360

■ 8227224

■ 3235480

■ 9278104

■ 2250392

■ 10263192

■ 1265048

■ 11248536

■ 279960

■ 12233624

■ 17304

■ 13218968

■ 14269592

■ 15254936

# Harmonies

## Analogous

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



4881811



6256792



7828116

# Triad

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



6256792



10054503



6192739

# Complementary

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



6256792



9994079

# 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.



7502423



6256792



9596762

# Square

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



6256792



9923192



8680788



5013620

# Rectangle

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



6256792



8744589



8680788



6585695



# Sweetspot

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



6256792



11516100



6264958



5725283



14935011



6513507



# Same Dimension

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



6256792



7115716



6447000



4540493



16012



1549



# Inverse Universe

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



9985912



12872851



9803871



5064008



9175102



851974



# Previews

## White Background



This preview shows how the Decimal color 6256792 looks on a white background.

## Color Contrast Check

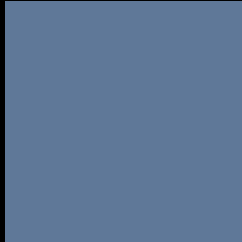
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 6256792 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

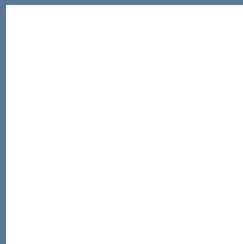
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6256792 Background



This preview shows how black text looks on a background with the Decimal color 6256792.

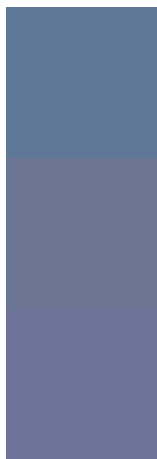


This preview shows how white text looks on a background with the Decimal color 6256792.

# 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**  
6256792

**Protanopia**  
7173525

**Deuteranopia**  
7238809



**Tritanopia**  
5929861

# Trichromacy



**Original Color**  
6256792

**Protanomaly**  
6846102

**Deuteranomaly**  
6911385

**Tritanomaly**  
6060684

# Monochromacy



**Original Color**  
6256792

**Achromatopsia**  
7631988

**Achromatomaly**  
7107969

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6256792 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 #5F7898 looks like.

```
.text, #text, p{  
    color:#5F7898  
}
```

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 #5F7898 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7898
}
```

## Border

The CSS property to change the border of an element to Decimal 6256792 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
#5F7898 }
```

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

```
.border{ border-color:#5F7898 }
```

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

Here you see how a box with a 4 pixel #5F7898 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7898; -webkit-box-shadow:4px 4px  
4px 4px #5F7898; box-shadow:4px 4px 4px  
4px #5F7898 }
```

# Background

The CSS property to change the background color of an element to Decimal 6256792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7898 }
```

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

```
.background{ background-color:#5F7898 }
```

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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