

# Converting Colors

Decimal(6457010)

Have a look what the booklet for  
Decimal(6457010) contains.

<b>Decimal(6457010)</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(6457010)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6286B2
RGB	98, 134, 178
RGB Percent	38%, 53%, 70%
CMY	0.6157, 0.4745, 0.3020
CMYK	0.45, 0.25, 0.00, 0.30
HSL	213°, 34%, 54%
HSV	213°, 45%, 70%
XYZ	21.5980, 22.8612, 45.3938
YIQ	128.2520, -35.5800, 6.0520

# Conversions

## Conversions Part 2

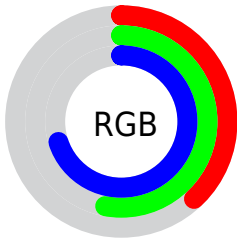
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	98, 123, 178
Decimal	6457010
CIE Lab	54.93, -0.62, -27.12
CIE LCh	55, 27.124, 268.700
Yxy	22.8612, 0.2404, 0.2544
Android (android.graphics.Color)	4284647090 (0xFF6286B2)
YUV	128.2520, 24.5258, -26.5310
Hunter-Lab	47.8134, -3.0425, -22.8202

# Details

The Decimal color **6457010** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **11701858**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **10009578**, and **2905469** is the 20% darker color. If you saturate the color by 10%, you get **5274802**, and if you desaturate by 10%, it is **7639218**.

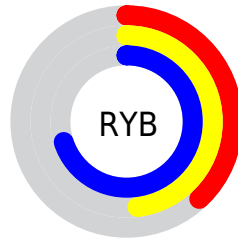
# Distribution



Red (38%)

Green (53%)

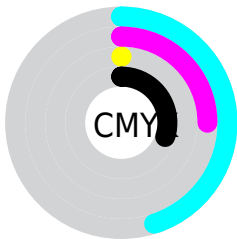
Blue (70%)



Red (38%)

Yellow (48%)

Blue (70%)

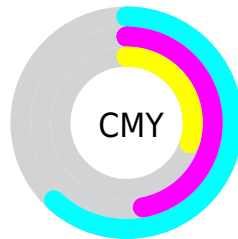


Cyan (45%)

Magenta (25%)

Yellow (0%)

Black (30%)



Cyan (62%)

Magenta (47%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6457010 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 6457010 by changing the saturation by 10% instead.



■ 6457010

■ 6457010

16777215

■ 4681111

■ 10009578

■ 2905469

■ 11851775

■ 671332

■ 13693951

■ 10316

■ 15597567

■ 5173

■ 543

■ 3

■ 0

■ 6457010

■ 6457010

■ 5274802

■ 7639218

■ 4092594

■ 8821426

■ 2976178

■ 9937842

■ 1793970

■ 11120050

■ 611762

■ 12302258

■ 20658

■ 13484466

■ 14666674

■ 15783090

■ 16768690

# Harmonies

## Analogous

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



4230315



6457010



8748717

# Triad

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



6457010



11629422



6393450

# Complementary

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



6457010



11701858

# 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.



8161626



6457010



10975836

# Square

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



6457010



11498117



9798228



4558978

# Rectangle

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



6457010



9992355



9798228



6982756



# Sweetspot

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



6457010



13293544



6468238



6515573



16119285



7697781



# Same Dimension

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



6457010



7054312



6709938



5264473



17817



2842



# Inverse Universe

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



11690630



15231907



11448930



5853268



10027077



1703947



# Previews

## White Background



This preview shows how the Decimal color 6457010 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 6457010 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

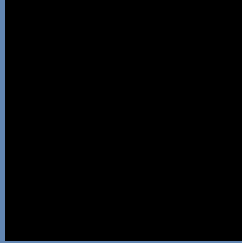
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

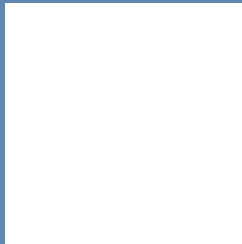
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6457010 Background



This preview shows how black text looks on a background with the Decimal color 6457010.




This preview shows how white text looks on a background with the Decimal color 6457010.

# 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](#).

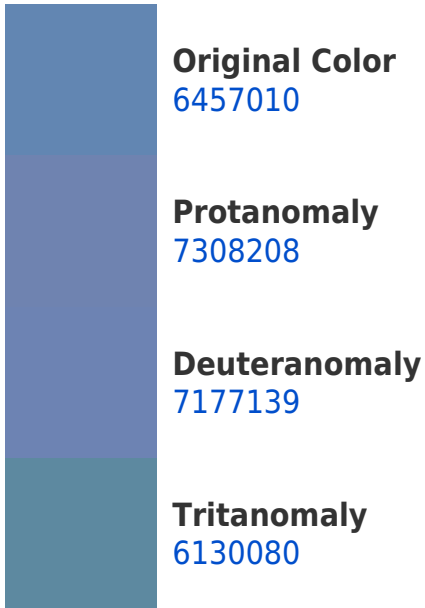
## Dichromacy



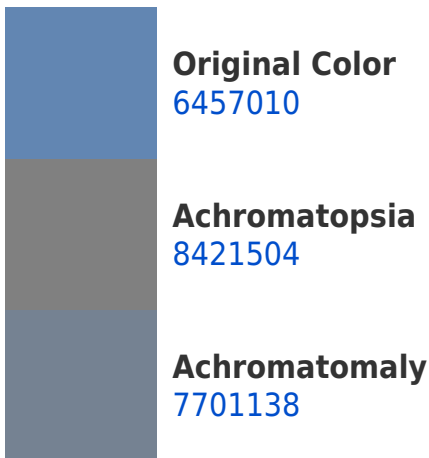


**Tritanopia**  
5933974

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6457010 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 #6286B2 looks like.

```
.text, #text, p{  
    color:#6286B2  
}
```

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 #6286B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6286B2
}
```

## Border

The CSS property to change the border of an element to Decimal 6457010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

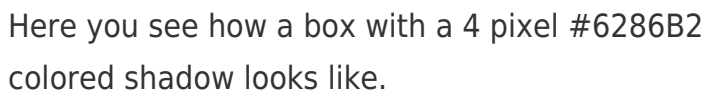
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6286B2 }
```

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

```
.border{ border-color:#6286B2 }
```

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



Here you see how a box with a 4 pixel #6286B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6286B2; -webkit-box-shadow:4px 4px  
4px 4px #6286B2; box-shadow:4px 4px 4px  
4px #6286B2 }
```

# Background

The CSS property to change the background color of an element to Decimal 6457010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6286B2 }
```

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

```
.background{ background-color:#6286B2 }
```

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