

# Converting Colors

Decimal(7706050)

Have a look what the booklet for  
Decimal(7706050) contains.

<b>Decimal(7706050)</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(7706050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7595C2
RGB	117, 149, 194
RGB Percent	46%, 58%, 76%
CMY	0.5412, 0.4157, 0.2392
CMYK	0.40, 0.23, 0.00, 0.24
HSL	215°, 39%, 61%
HSV	215°, 40%, 76%
XYZ	27.8212, 29.1718, 55.2033
YIQ	144.5620, -33.5170, 7.2110

# Conversions

## Conversions Part 2

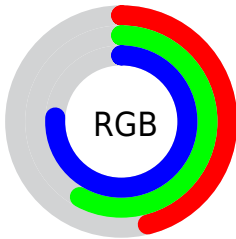
Format	Color
R <sub>Y</sub> B	117, 140, 194
Decimal	7706050
CIE Lab	60.93, 0.38, -26.83
CIE LCh	61, 26.837, 270.801
Yxy	29.1718, 0.2480, 0.2600
Android (android.graphics.Color)	4285896130 (0xFF7595C2)
YUV	144.5620, 24.3729, -24.1719
Hunter-Lab	54.0110, -2.5734, -22.7912

# Details

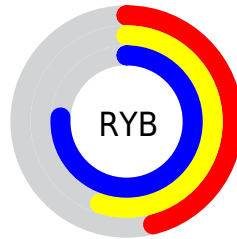
The Decimal color **7706050** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **12755573**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **11324411**, and **4219532** is the 20% darker color. If you saturate the color by 10%, you get **6458050**, and if you desaturate by 10%, it is **8954050**.

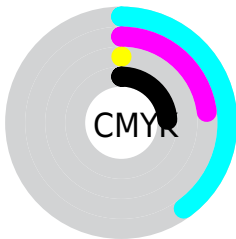
# Distribution



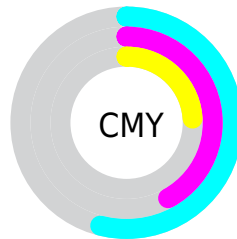
- Red (46%)
- Green (58%)
- Blue (76%)



- Red (46%)
- Yellow (55%)
- Blue (76%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (24%)



- Cyan (54%)
- Magenta (42%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7706050 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 7706050 by changing the saturation by 10% instead.



■ 7706050

■ 7706050

16777215

■ 5995431

■ 11324411

■ 4219532

■ 13166591

■ 2444147

■ 15007743

■ 78938

■ 8002

■ 1580

■ 278

■ 0

■ 7706050

■ 7706050

■ 6458050

■ 8954050

■ 5144258

■ 10267842

■ 3896258

■ 11515842

■ 2582722

■ 12829378

■ 1334466

■ 14077634

■ 86466

■ 15325634

■ 20930

■ 16639170

■ 16773314

■ 16776130

# Harmonies

## Analogous

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



5610684



7706050



9932220

# Triad

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



7706050



12747644



7249531

# Complementary

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



7706050



1275573

# 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.



9083242



7706050



12028522

# Square

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



7706050



12616083



10719844



5546131

# Rectangle

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



7706050



11175857



10719844



7904372

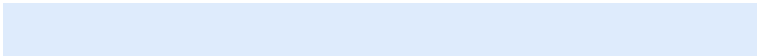


# Sweetspot

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



7706050



14609404



7717538



7239040



0



8421504

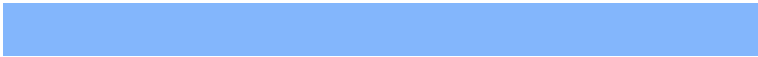


# Same Dimension

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



7706050



8632060



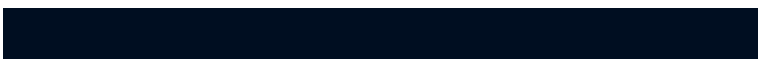
8091074



5725025



17313



3617



# Inverse Universe

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



12744085



16548790



12370549



6379355



10551363



2162702



# Previews

## White Background



This preview shows how the Decimal color 7706050 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 7706050 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

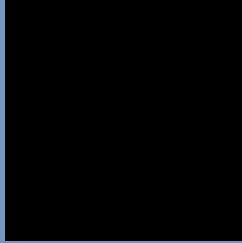
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

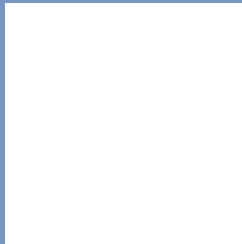
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7706050 Background



This preview shows how black text looks on a background with the Decimal color 7706050.



This preview shows how white text looks on a background with the Decimal color 7706050.

# Color Blindness Simulation

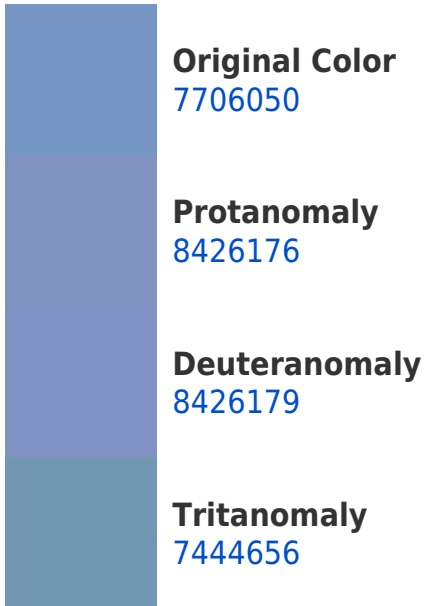
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7706050 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 #7595C2 looks like.

```
.text, #text, p{  
  color:#7595C2  
}
```

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 #7595C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7595C2
}
```

## Border

The CSS property to change the border of an element to Decimal 7706050 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
#7595C2 }
```

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

```
.border{ border-color:#7595C2 }
```

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

Here you see how a box with a 4 pixel #7595C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7595C2; -webkit-box-shadow:4px 4px  
4px 4px #7595C2; box-shadow:4px 4px 4px  
4px #7595C2 }
```

# Background

The CSS property to change the background color of an element to Decimal 7706050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7595C2 }
```

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

```
.background{ background-color:#7595C2 }
```

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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