

# Converting Colors

Decimal(7776950)

Have a look what the booklet for  
Decimal(7776950) contains.

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# **Color**

**Decimal(7776950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76AAB6
RGB	118, 170, 182
RGB Percent	46%, 67%, 71%
CMY	0.5373, 0.3333, 0.2863
CMYK	0.35, 0.07, 0.00, 0.29
HSL	191°, 30%, 59%
HSV	191°, 35%, 71%
XYZ	30.2894, 35.9784, 49.6041
YIQ	155.8200, -34.8440, -7.2920

# Conversions

## Conversions Part 2

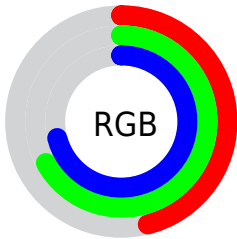
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 147, 182
Decimal	7776950
CIE <sub>Lab</sub>	66.50, -14.09, -11.64
CIE <sub>LCh</sub>	67, 18.283, 219.563
Yxy	35.9784, 0.2614, 0.3105
Android (android.graphics.Color)	4285967030 (0xFF76AAB6)
YUV	155.8200, 12.9067, -33.1681
Hunter-Lab	59.9820, -14.8304, -7.0444

# Details

The Decimal color **7776950** is a light color, and the websafe version is hex **669999**. A complement of this color would be **11960950**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **11330030**, and **4355713** is the 20% darker color. If you saturate the color by 10%, you get **6596534**, and if you desaturate by 10%, it is **8957366**.

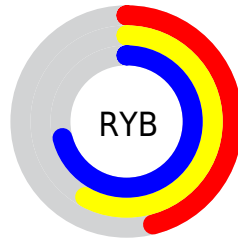
# Distribution



Red (46%)

Green (67%)

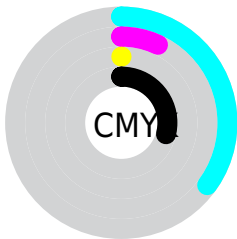
Blue (71%)



Red (46%)

Yellow (58%)

Blue (71%)

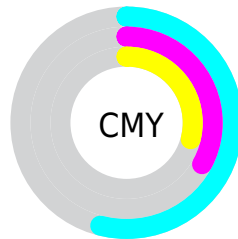


Cyan (35%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (54%)

Magenta (33%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7776950 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 7776950 by changing the saturation by 10% instead.



 7776950


 7776950

16777215

 6066075

 11330030

 4355713

 13172479

 2579816

 15073279

 476496

 12089

 6947

 269

 0

 7776950

 7776950

6596534

8957366

5415862

10138038

4169910

11383990

2989238

12564662

1808822

13745078

628406

14925494

38070

16106166

16762294

16763318

# Harmonies

## Analogous

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



7908263



7776950



8562624

# Triad

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



7776950



12359854



11117185

# Complementary

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



7776950



11960950

# 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.



12164483



7776950



12883613

# Square

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



7776950



11246779



12753038



9873288

# Rectangle

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



7776950



9413570



12753038



11509889



# Sweetspot

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



7776950



13887725



7779970



6845816



16250871



7895160



# Same Dimension

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



7776950



9100013



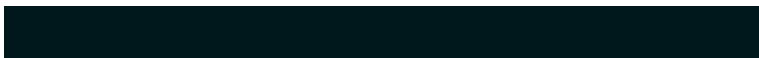
7768758



5462620



32412



5916



# Inverse Universe

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



11957930



15567578



11969142



6050650



10223742



1835031



# Previews

## White Background



This preview shows how the Decimal color 7776950 looks on a white background.

## Color Contrast Check

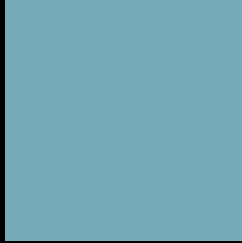
Large Text (above 18pt) WCAG AA × Fail

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 7776950 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

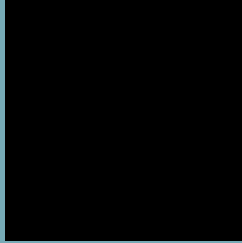
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

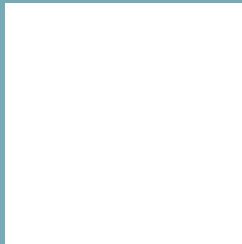
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7776950 Background



This preview shows how black text looks on a background with the Decimal color 7776950.



This preview shows how white text looks on a background with the Decimal color 7776950.

# 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**  
7776951

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7776950 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 #76AAB6 looks like.

```
.text, #text, p{  
  color:#76AAB6  
}
```

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 #76AAB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76AAB6
}
```

## Border

The CSS property to change the border of an element to Decimal 7776950 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
#76AAB6 }
```

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

```
.border{ border-color:#76AAB6 }
```

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

Here you see how a box with a 4 pixel #76AAB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76AAB6; -webkit-box-shadow:4px 4px  
4px 4px #76AAB6; box-shadow:4px 4px 4px  
4px #76AAB6 }
```

# Background

The CSS property to change the background color of an element to Decimal 7776950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76AAB6 }
```

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

```
.background{ background-color:#76AAB6 }
```

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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