

# Converting Colors

Decimal(7566222)

Have a look what the booklet for  
Decimal(7566222) contains.

<b>Decimal(7566222)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(7566222)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73738E
RGB	115, 115, 142
RGB Percent	45%, 45%, 56%
CMY	0.5490, 0.5490, 0.4431
CMYK	0.19, 0.19, 0.00, 0.44
HSL	240°, 11%, 50%
HSV	240°, 19%, 56%
XYZ	18.0834, 17.8593, 28.0853
YIQ	118.0780, -8.6670, 8.3970

# Conversions

## Conversions Part 2

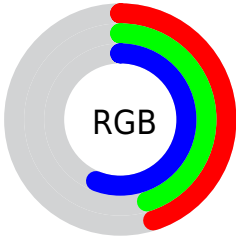
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 115, 142</a>
Decimal	<a href="#">7566222</a>
CIELab	<a href="#">49.33, 6.00, -14.68</a>
CIELCh	<a href="#">49, 15.862, 292.232</a>
Yxy	<a href="#">17.8593, 0.2824, 0.2789</a>
Android (android.graphics.Color)	<a href="#">4285756302 (0xFF73738E)</a>
YUV	<a href="#">118.0780, 11.7935, -2.6994</a>
Hunter-Lab	<a href="#">42.2603, 2.4259, -9.8207</a>

# Details

The Decimal color **7566222** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9342579**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **10987460**, and **4342620** is the 20% darker color. If you saturate the color by 10%, you get **6645134**, and if you desaturate by 10%, it is **8487310**.

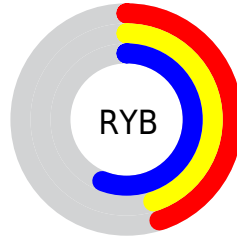
# Distribution



Red (45%)

Green (45%)

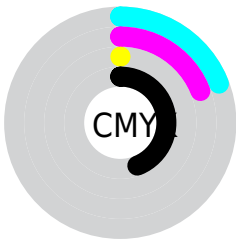
Blue (56%)



Red (45%)

Yellow (45%)

Blue (56%)

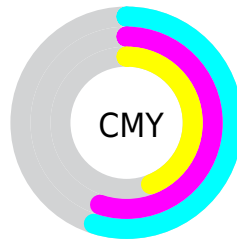


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (55%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7566222 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 7566222 by changing the saturation by 10% instead.





7566222



7566222

16777215



5921396



10987460



4342620



12829408



2895172



14671612



1447982



16513791



26



0



7566222



7566222



6645134



8487310



5724046



9408398

■ 4737166

■ 10395278

■ 3816078

■ 11316366

■ 2894990

■ 12237454

■ 1973902

■ 13158542

■ 1052814

■ 14079630

■ 65934

■ 15066510

■ 142

■ 15987598

# Harmonies

## Analogous

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



6387856



7566222



8613766

# Triad

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



7566222



9269089



5799281

# Complementary

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



7566222



9342579

# 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.



6650724



7566222



8614747

# Square

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



7566222



9530476



7698268



5275007

# Rectangle

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



7566222



9137534



7698268



6061165



# Sweetspot

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



7566222



11382200



7573134



5592412



14408667



6052956



# Same Dimension

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



7566222



9276856



8483726



4210759



135



8



# Inverse Universe

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



9335694



12094904



8490611



4669511



8847495



524296



# Previews

## White Background



This preview shows how the Decimal color 7566222 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 7566222 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

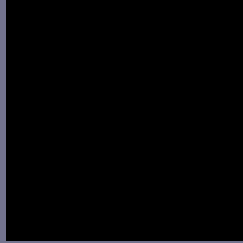
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7566222 Background



This preview shows how black text looks on a background with the Decimal color 7566222.



This preview shows how white text looks on a background with the Decimal color 7566222.

# 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**  
7566222

**Protanopia**  
7304335

**Deuteranopia**  
7631758



# Trichromacy



**Original Color**

7566222

**Protanomaly**

7369871

**Deuteranomaly**

7631758

**Tritanomaly**

7435652

# Monochromacy



**Original Color**

7566222

**Achromatopsia**

7763574

**Achromatomaly**

7697791

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7566222 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 #73738E looks like.

```
.text, #text, p{  
    color:#73738E  
}
```

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 #73738E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73738E
}
```

## Border

The CSS property to change the border of an element to Decimal 7566222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

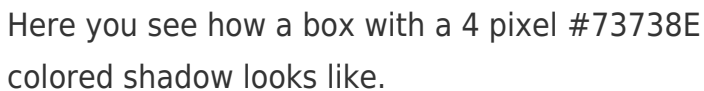
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#73738E }
```

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

```
.border{ border-color:#73738E }
```

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



Here you see how a box with a 4 pixel #73738E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73738E; -webkit-box-shadow:4px 4px  
4px 4px #73738E; box-shadow:4px 4px 4px  
4px #73738E }
```

# Background

The CSS property to change the background color of an element to Decimal 7566222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73738E }
```

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

```
.background{ background-color:#73738E }
```

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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