

# Converting Colors

Decimal(7635632)

Have a look what the booklet for  
Decimal(7635632) contains.

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# Color

**Decimal(7635632)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7482B0
RGB	116, 130, 176
RGB Percent	45%, 51%, 69%
CMY	0.5451, 0.4902, 0.3098
CMYK	0.34, 0.26, 0.00, 0.31
HSL	226°, 28%, 57%
HSV	226°, 34%, 69%
XYZ	23.0216, 22.8129, 44.2642
YIQ	131.0580, -23.1100, 11.3380

# Conversions

## Conversions Part 2

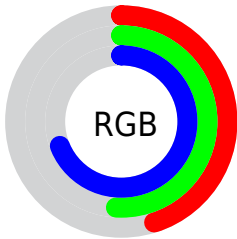
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 127, 176
Decimal	7635632
CIE Lab	54.88, 6.16, -25.95
CIE LCh	55, 26.675, 283.356
Yxy	22.8129, 0.2555, 0.2532
Android (android.graphics.Color)	4285825712 (0xFF7482B0)
YUV	131.0580, 22.1564, -13.2059
Hunter-Lab	47.7628, 2.4517, -21.5131

# Details

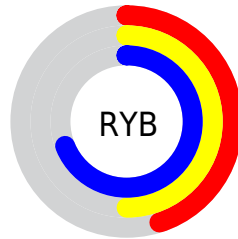
The Decimal color **7635632** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **11575924**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **11188200**, and **4280699** is the 20% darker color. If you saturate the color by 10%, you get **6452656**, and if you desaturate by 10%, it is **8818608**.

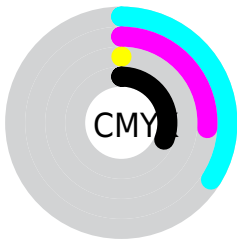
# Distribution



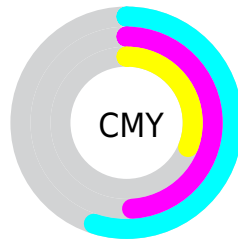
- Red (45%)
- Green (51%)
- Blue (69%)



- Red (45%)
- Yellow (50%)
- Blue (69%)



- Cyan (34%)
- Magenta (26%)
- Yellow (0%)
- Black (31%)



- Cyan (55%)
- Magenta (49%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7635632 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 7635632 by changing the saturation by 10% instead.



■ 7635632

■ 7635632

16777215

■ 5925269

■ 11188200

■ 4280699

■ 12964607

■ 2636386

■ 14872575

■ 861514

■ 4147

■ 542

■ 0

■ 7635632

■ 7635632

■ 6452656

■ 8818608

■ 5334960

■ 9936304

■ 4151984

■ 11119280

■ 3034288

■ 12236976

■ 1851312

■ 13419952

■ 668080

■ 14603184

■ 10672

■ 15720624

■ 16772784

■ 16776112

# Harmonies

## Analogous

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



5343663



7635632



9665189

# Triad

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



7635632



11368037



5541749

# Complementary

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



7635632



11575924

# 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.



7310177



7635632



10452311

# Square

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



7635632



11629178



9012566



3903629

# Rectangle

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



7635632



10712472



9012566



6131310



# Sweetspot

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



7635632



13620454



7647394



6645875



15921906



7566195



# Same Dimension

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



7635632



8887782



8680624



5263961



9369



1562



# Inverse Universe

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



11564162



15107997



10530932



5853266



10027044

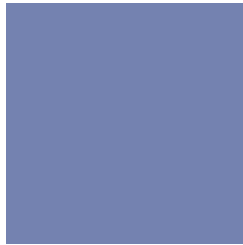


1703942



# Previews

## White Background



This preview shows how the Decimal color 7635632 looks on a white background.

## Color Contrast Check

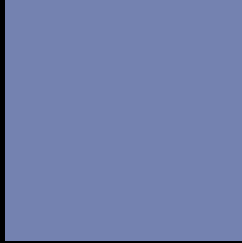
Large Text (above 18pt) WCAG AA ✓ Pass

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 7635632 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

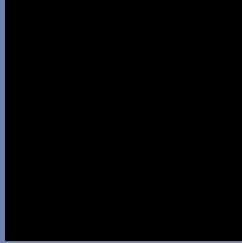
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

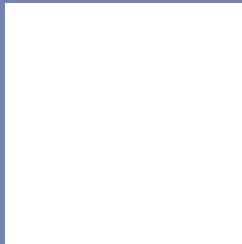
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7635632 Background



This preview shows how black text looks on a background with the Decimal color 7635632.



This preview shows how white text looks on a background with the Decimal color 7635632.

# 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**

7635632

**Protanopia**

7766448

**Deuteranopia**

7831984



**Tritanopia**  
7178386

# Trichromacy



**Original Color**  
7635632

**Protanomaly**  
7700912

**Deuteranomaly**  
7766448

**Tritanomaly**  
7374493

# Monochromacy



**Original Color**  
7635632

**Achromatopsia**  
8618883

**Achromatomaly**  
8291219

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7635632 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 #7482B0 looks like.

```
.text, #text, p{  
    color:#7482B0  
}
```

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 #7482B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7482B0
}
```

## Border

The CSS property to change the border of an element to Decimal 7635632 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
#7482B0 }
```

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

```
.border{ border-color:#7482B0 }
```

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

Here you see how a box with a 4 pixel #7482B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7482B0; -webkit-box-shadow:4px 4px  
4px 4px #7482B0; box-shadow:4px 4px 4px  
4px #7482B0 }
```

# Background

The CSS property to change the background color of an element to Decimal 7635632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7482B0 }
```

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

```
.background{ background-color:#7482B0 }
```

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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