

# Converting Colors

Decimal(7626949)

Have a look what the booklet for  
Decimal(7626949) contains.

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# Color

**Decimal(7626949)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7460C5
RGB	116, 96, 197
RGB Percent	45%, 38%, 77%
CMY	0.5451, 0.6235, 0.2275
CMYK	0.41, 0.51, 0.00, 0.23
HSL	252°, 47%, 57%
HSV	252°, 51%, 77%
XYZ	21.4634, 16.1100, 54.8016
YIQ	113.4940, -20.5010, 35.6510

# Conversions

## Conversions Part 2

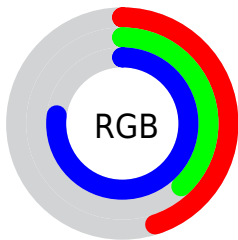
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 96, 197
Decimal	7626949
CIE <sub>Lab</sub>	47.12, 32.42, -50.26
CIE <sub>LCh</sub>	47, 59.811, 302.819
Yxy	16.1100, 0.2324, 0.1744
Android (android.graphics.Color)	4285817029 (0xFF7460C5)
YUV	113.4940, 41.1685, 2.1978
Hunter-Lab	40.1372, 25.2127, -52.8559

# Details

The Decimal color **7626949** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **11650400**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **11310078**, and **4010382** is the 20% darker color. If you saturate the color by 10%, you get **6573253**, and if you desaturate by 10%, it is **8680645**.

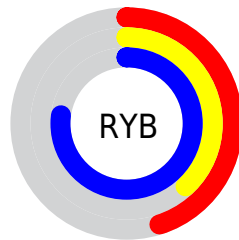
# Distribution



Red (45%)

Green (38%)

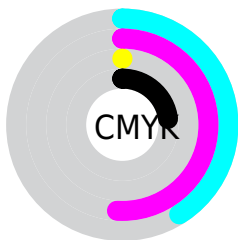
Blue (77%)



Red (45%)

Yellow (38%)

Blue (77%)

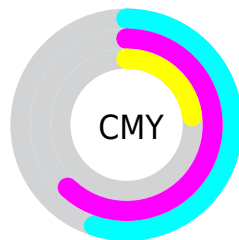


Cyan (41%)

Magenta (51%)

Yellow (0%)

Black (23%)



Cyan (55%)

Magenta (62%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7626949 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 7626949 by changing the saturation by 10% instead.



■ 7626949

■ 7626949

16777215

■ 5785769

■ 11310078

■ 4010382

■ 13151999

■ 1973108

■ 15124991

■ 1627

■ 16770559

■ 67

■ 812

■ 278

■ 0

■ 7626949

■ 7626949

■ 6573253

■ 8680645

■ 5519813

■ 9734085

■ 4531653

■ 10722245

■ 3477957

■ 11775941

■ 2556101

■ 12829637

■ 13883077

■ 14936773

■ 15924933

■ 16777157

# Harmonies

## Analogous

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



29909



7626949



11487135

# Triad

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



7626949



11164427



34419

# Complementary

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



7626949



11650400

# 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.



33599



7626949



8548096

# Square

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



7626949



12796988



5209094



34469

# Rectangle

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



7626949



12728958



5209094



34402



# Sweetspot

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



7626949



14735871



6337221



7170432



0



8421504



# Same Dimension

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



7626949



8413695



10838213



5986915



2097315



458788



# Inverse Universe

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



12935345



16736736



8439136



6511201



10682499



2359325



# Previews

## White Background



This preview shows how the Decimal color 7626949 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 7626949 looks on a black 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

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



## Decimal 7626949 Background



This preview shows how black text looks on a background with the Decimal color 7626949.



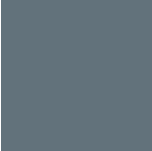
This preview shows how white text looks on a background with the Decimal color 7626949.

# 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**  
6451835

# Trichromacy



**Original Color**

7626949



**Protanomaly**

5204173



**Deuteranomaly**

4746178



**Tritanomaly**

6908822

# Monochromacy



**Original Color**

7626949



**Achromatopsia**

7434609



**Achromatomaly**

7498640

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7626949 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 #7460C5 looks like.

```
.text, #text, p{  
  color:#7460C5  
}
```

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 #7460C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7460C5
}
```

## Border

The CSS property to change the border of an element to Decimal 7626949 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
#7460C5 }
```

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

```
.border{ border-color:#7460C5 }
```

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

Here you see how a box with a 4 pixel #7460C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7460C5; -webkit-box-shadow:4px 4px  
4px 4px #7460C5; box-shadow:4px 4px 4px  
4px #7460C5 }
```

# Background

The CSS property to change the background color of an element to Decimal 7626949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7460C5 }
```

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

```
.background{ background-color:#7460C5 }
```

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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