

Converting Colors

Decimal(7626661)

Have a look what the booklet for
Decimal(7626661) contains.

Decimal(7626661)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7626661)

Conversions

Conversions Part 1

Format	Color
Hex	745FA5
RGB	116, 95, 165
RGB Percent	45%, 37%, 65%
CMY	0.5451, 0.6275, 0.3529
CMYK	0.30, 0.42, 0.00, 0.35
HSL	258°, 28%, 51%
HSV	258°, 42%, 65%
XYZ	18.0862, 14.6140, 37.4649
YIQ	109.2590, -9.9540, 26.2220

Conversions

Conversions Part 2

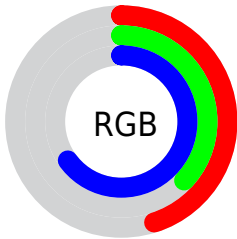
Format	Color
R _{YB}	116, 95, 165
Decimal	7626661
CIE Lab	45.10, 24.22, -34.80
CIE LCh	45, 42.401, 304.840
Yxy	14.6140, 0.2578, 0.2083
Android (android.graphics.Color)	4285816741 (0xFF745FA5)
YUV	109.2590, 27.4803, 5.9119
Hunter-Lab	38.2283, 17.5506, -31.3461

Details

The Decimal color **7626661** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9479519**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **11178716**, and **4272241** is the 20% darker color. If you saturate the color by 10%, you get **6836133**, and if you desaturate by 10%, it is **8417189**.

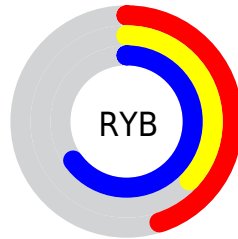
Distribution



Red (45%)

Green (37%)

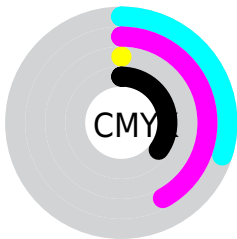
Blue (65%)



Red (45%)

Yellow (37%)

Blue (65%)

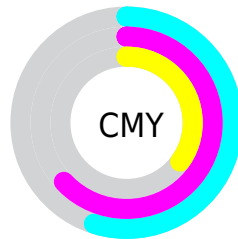


Cyan (30%)

Magenta (42%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (63%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7626661 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 7626661 by changing the saturation by 10% instead.



7626661



7626661

16777215



5916554



11178716



4272241



12954873



2628440



14862591



918848



16770303



41



275



0



7626661



7626661



6836133



8417189

6110885

9142437

5320101

9932965

4595109

10658213

3804581

11448741

3211429

12173989

12964773

13689765

14480293

Harmonies

Analogous

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



2977201



7626661



10113417

Triad

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



7626661



9854506



31856

Complementary

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



7626661



9479519

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.



1800779



7626661



7957279

Square

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



7626661



11030852



5534765



31634

Rectangle

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



7626661



11029362



5534765



31843

Sweetspot

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



7626661



12827350



6262949



6249067



15461355



7039851

Same Dimension

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



7626661



9071062



9920421



4999506



2883729



327698

Inverse Universe

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



10837904



14051765



7185759



5392719



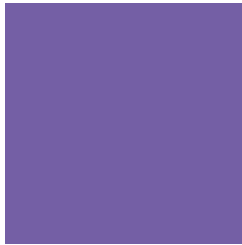
9502822



1179660

Previews

White Background



This preview shows how the Decimal color 7626661 looks on a white background.

Color Contrast Check

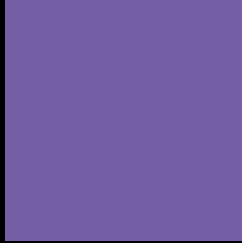
Large Text (above 18pt) WCAG AA ✓ Pass

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 7626661 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 7626661 Background



This preview shows how black text looks on a background with the Decimal color 7626661.



This preview shows how white text looks on a background with the Decimal color 7626661.

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



Original Color
7626661

Protanomaly
6120874

Deuteranomaly
6121124

Tritanomaly
7235205

Monochromacy



Original Color
7626661

Achromatopsia
7171437

Achromatomaly
7366785

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7626661 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 #745FA5 looks like.

```
.text, #text, p{  
    color:#745FA5  
}
```

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 #745FA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745FA5  
}
```

Border

The CSS property to change the border of an element to Decimal 7626661 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  
#745FA5 }
```

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

```
.border{ border-color:#745FA5 }
```

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

Here you see how a box with a 4 pixel #745FA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745FA5; -webkit-box-shadow:4px 4px  
4px 4px #745FA5; box-shadow:4px 4px 4px  
4px #745FA5 }
```

Background

The CSS property to change the background color of an element to Decimal 7626661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745FA5 }
```

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

```
.background{ background-color:#745FA5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor