

Converting Colors

Decimal(7564197)

Have a look what the booklet for
Decimal(7564197) contains.

Decimal(7564197)	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(7564197)

Conversions

Conversions Part 1

Format	Color
Hex	736BA5
RGB	115, 107, 165
RGB Percent	45%, 42%, 65%
CMY	0.5490, 0.5804, 0.3529
CMYK	0.30, 0.35, 0.00, 0.35
HSL	248°, 24%, 53%
HSV	248°, 35%, 65%
XYZ	19.1195, 16.8768, 37.8472
YIQ	116.0040, -13.8500, 19.7340

Conversions

Conversions Part 2

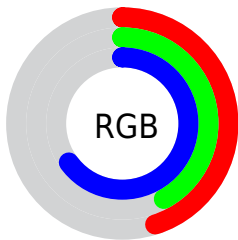
Format	Color
R_{YB}	115, 107, 165
Decimal	7564197
CIE _{Lab}	48.10, 16.65, -30.10
CIE _{LCh}	48, 34.397, 298.955
Yxy	16.8768, 0.2589, 0.2285
Android (android.graphics.Color)	4285754277 (0xFF736BA5)
YUV	116.0040, 24.1550, -0.8805
Hunter-Lab	41.0814, 11.1821, -25.8652

Details

The Decimal color **7564197** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10331499**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **11050716**, and **4275313** is the 20% darker color. If you saturate the color by 10%, you get **6642341**, and if you desaturate by 10%, it is **8485797**.

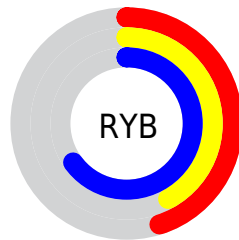
Distribution



Red (45%)

Green (42%)

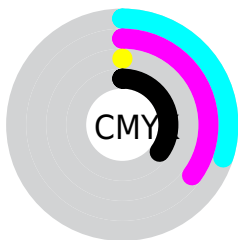
Blue (65%)



Red (45%)

Yellow (42%)

Blue (65%)

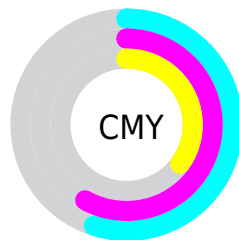


Cyan (30%)

Magenta (35%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (58%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7564197 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 7564197 by changing the saturation by 10% instead.

■ 7564197

■ 7564197

16777215

■ 5854090

■ 11050716

■ 4275313

■ 12892665

■ 2631256

■ 14734847

■ 922176

■ 16642559

■ 42

■ 276

■ 0

■ 7564197

■ 7564197

■ 6642341

■ 8485797

■ 5720741

■ 9407653

■ 4733349

■ 10394789

■ 3811749

■ 11316645

■ 2889893

■ 12238245

■ 1968293

■ 13160101

■ 1507493

■ 14147237

■ 15069093

■ 15990693

Harmonies

Analogous

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



4158892



7564197



9789585

Triad

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



7564197



10249793



33136

Complementary

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



7564197



10331499

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.



4488787



7564197



8745015

Square

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



7564197



11033944



6781246



33165

Rectangle

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



7564197



10706046



6781246



2261350

Sweetspot

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



7564197



12763094



7052709



6249835



15461355



7039851

Same Dimension

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



7564197



9010390



9464741



4933970



1310865



131090

Inverse Universe

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



10840989



14056650



8430955



5392720



9502845



1179663

Previews

White Background



This preview shows how the Decimal color 7564197 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 7564197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

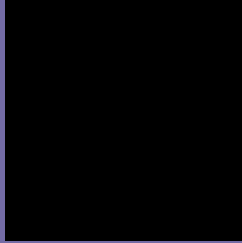
Any Text WCAG AA × Fail

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 7564197 Background



This preview shows how black text looks on a background with the Decimal color 7564197.



This preview shows how white text looks on a background with the Decimal color 7564197.

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
7564197

Protanomaly
6713000

Deuteranomaly
6713252

Tritanomaly
7237771

Monochromacy



Original Color
7564197

Achromatopsia
7631988

Achromatomaly
7631238

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7564197 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 #736BA5 looks like.

```
.text, #text, p{  
    color:#736BA5  
}
```

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 #736BA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736BA5
}
```

Border

The CSS property to change the border of an element to Decimal 7564197 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
#736BA5 }
```

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

```
.border{ border-color:#736BA5 }
```

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

Here you see how a box with a 4 pixel #736BA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736BA5; -webkit-box-shadow:4px 4px  
4px 4px #736BA5; box-shadow:4px 4px 4px  
4px #736BA5 }
```

Background

The CSS property to change the background color of an element to Decimal 7564197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736BA5 }
```

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

```
.background{ background-color:#736BA5 }
```

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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