

Converting Colors

Decimal(7564757)

Have a look what the booklet for
Decimal(7564757) contains.

Decimal(7564757)	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(7564757)

Conversions

Conversions Part 1

Format	Color
Hex	736DD5
RGB	115, 109, 213
RGB Percent	45%, 43%, 84%
CMY	0.5490, 0.5725, 0.1647
CMYK	0.46, 0.49, 0.00, 0.16
HSL	243°, 55%, 63%
HSV	243°, 49%, 84%
XYZ	24.5491, 19.3862, 65.3988
YIQ	122.6500, -29.8080, 33.6160

Conversions

Conversions Part 2

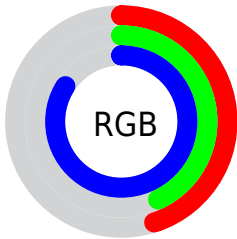
Format	Color
R _Y B	115, 109, 213
Decimal	7564757
CIE Lab	51.14, 29.04, -52.99
CIE LCh	51, 60.430, 298.724
Yxy	19.3862, 0.2245, 0.1773
Android (android.graphics.Color)	4285754837 (0xFF736DD5)
YUV	122.6500, 44.5426, -6.7090
Hunter-Lab	44.0298, 22.4718, -57.2445

Details

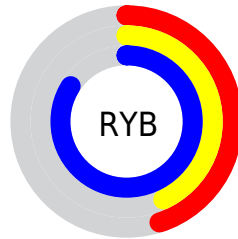
The Decimal color **7564757** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **13620589**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **11313663**, and **3751326** is the 20% darker color. If you saturate the color by 10%, you get **6248661**, and if you desaturate by 10%, it is **8880853**.

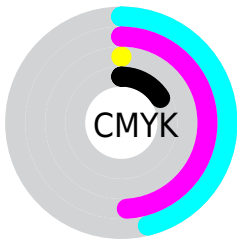
Distribution



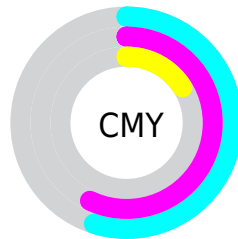
- Red (45%)
- Green (43%)
- Blue (84%)



- Red (45%)
- Yellow (43%)
- Blue (84%)



- Cyan (46%)
- Magenta (49%)
- Yellow (0%)
- Black (16%)



- Cyan (55%)
- Magenta (57%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7564757 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 7564757 by changing the saturation by 10% instead.

■ 7564757

■ 7564757

16777215

■ 5723577

■ 11313663

■ 3751326

■ 13221119

■ 1386627

■ 15128575

■ 4969

■ 16774399

■ 80

■ 1336

■ 546

■ 8

■ 0

 7564757

 7564757

 6248661

 8880853

 4932309

 10197205

 3616213

 11513301

 2300117

 12829397

 983765

 14145493

 786645

 15461845

 16777173

Harmonies

Analogous

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



33250



7564757



11883696

Triad

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



7564757



12280349



37238

Complementary

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



7564757



13620589

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.



36161



7564757



9729792

Square

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



7564757



13782091



6391051



37290

Rectangle

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



7564757



13387664



6391051



36964

Sweetspot

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



7564757



14408191



7196885



6973824



0



8421504

Same Dimension

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



7564757



7432703



10907093



6381675



655531



196651

Inverse Universe

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



13987279



16738806



10278253



7037034



11206817



2818089

Previews

White Background



This preview shows how the Decimal color 7564757 looks on a white background.

Color Contrast Check

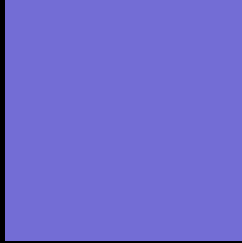
Large Text (above 18pt) WCAG AA ✓ Pass

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 7564757 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 7564757 Background



This preview shows how black text looks on a background with the Decimal color 7564757.




This preview shows how white text looks on a background with the Decimal color 7564757.

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
6193033

Trichromacy



Original Color
7564757

Protanomaly
5665755

Deuteranomaly
5011155

Tritanomaly
6715557

Monochromacy



Original Color
7564757

Achromatopsia
8092539

Achromatomaly
7894684

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7564757 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 #736DD5 looks like.

```
.text, #text, p{  
    color:#736DD5  
}
```

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 #736DD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736DD5  
}
```

Border

The CSS property to change the border of an element to Decimal 7564757 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  
#736DD5 }
```

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

```
.border{ border-color:#736DD5 }
```

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

Here you see how a box with a 4 pixel #736DD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736DD5; -webkit-box-shadow:4px 4px  
4px 4px #736DD5; box-shadow:4px 4px 4px  
4px #736DD5 }
```

Background

The CSS property to change the background color of an element to Decimal 7564757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736DD5 }
```

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

```
.background{ background-color:#736DD5 }
```

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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