

Converting Colors

Decimal(7565270)

Have a look what the booklet for
Decimal(7565270) contains.

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Color

Decimal(7565270)

Conversions

Conversions Part 1

Format	Color
Hex	736FD6
RGB	115, 111, 214
RGB Percent	45%, 44%, 84%
CMY	0.5490, 0.5647, 0.1608
CMYK	0.46, 0.48, 0.00, 0.16
HSL	242°, 56%, 64%
HSV	242°, 48%, 84%
XYZ	24.8923, 19.8688, 66.1414
YIQ	123.9380, -30.6790, 32.8810

Conversions

Conversions Part 2

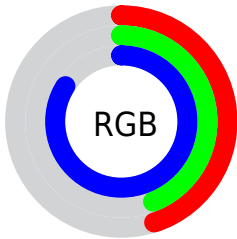
Format	Color
R_{YB}	115, 111, 214
Decimal	7565270
CIE _{Lab}	51.69, 28.14, -52.68
CIE _{LCh}	52, 59.722, 298.109
Yxy	19.8688, 0.2245, 0.1792
Android (android.graphics.Color)	4285755350 (0xFF736FD6)
YUV	123.9380, 44.4006, -7.8386
Hunter-Lab	44.5744, 21.6770, -56.7750

Details

The Decimal color **7565270** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **13817455**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **11314175**, and **3751839** is the 20% darker color. If you saturate the color by 10%, you get **6183638**, and if you desaturate by 10%, it is **8946902**.

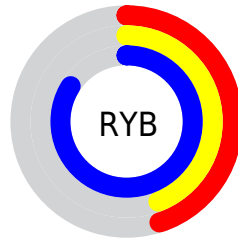
Distribution



Red (45%)

Green (44%)

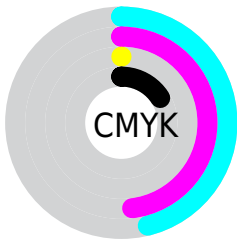
Blue (84%)



Red (45%)

Yellow (44%)

Blue (84%)

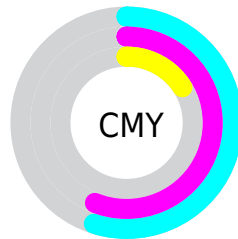


Cyan (46%)

Magenta (48%)

Yellow (0%)

Black (16%)



Cyan (55%)

Magenta (56%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7565270 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 7565270 by changing the saturation by 10% instead.

■ 7565270

■ 7565270

16777215

■ 5724090

■ 11314175

■ 3751839

■ 13221631

■ 1386884

■ 15129343

■ 5482

■ 16774911

■ 81

■ 1337

■ 547

■ 9

■ 0

 7565270

 7565270

 6183638


 8946902

 4867286

 10263254

 3485654

 11644886

 2169302

 12961238

 787670

 14342870

 524502

 15658966

 16777174

Harmonies

Analogous

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



33506



7565270



11884466

Triad

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



7565270



12411681



37494

Complementary

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



7565270



13817455

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.



36674



7565270



9861120

Square

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



7565270



13848142



6587920



37546

Rectangle

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



7565270



13453970



6587920



37476

Sweetspot

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



7565270



14539775



7328726



7039616



0



8421504

Same Dimension

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



7565270



7433215



10907606



6381675



458923



131115

Inverse Universe

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



14053330



16739321



10475119



7037035



11206820



2818090

Previews

White Background



This preview shows how the Decimal color 7565270 looks on a white background.

Color Contrast Check

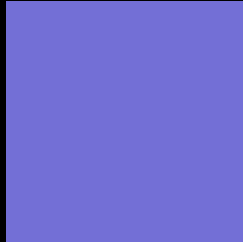
Large Text (above 18pt) WCAG AA ✓ Pass

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 7565270 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 7565270 Background



This preview shows how black text looks on a background with the Decimal color 7565270.

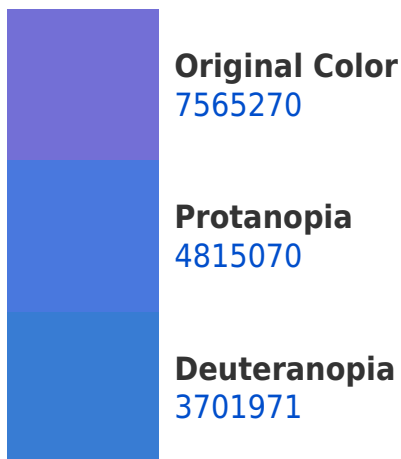



This preview shows how white text looks on a background with the Decimal color 7565270.

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
6193547

Trichromacy



Original Color
7565270

Protanomaly
5797339

Deuteranomaly
5076948

Tritanomaly
6716070

Monochromacy



Original Color
7565270

Achromatopsia
8158332

Achromatomaly
7960477

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7565270 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 #736FD6 looks like.

```
.text, #text, p{  
    color:#736FD6  
}
```

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 #736FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736FD6
}
```

Border

The CSS property to change the border of an element to Decimal 7565270 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
#736FD6 }
```

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

```
.border{ border-color:#736FD6 }
```

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

Here you see how a box with a 4 pixel #736FD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736FD6; -webkit-box-shadow:4px 4px  
4px 4px #736FD6; box-shadow:4px 4px 4px  
4px #736FD6 }
```

Background

The CSS property to change the background color of an element to Decimal 7565270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736FD6 }
```

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

```
.background{ background-color:#736FD6 }
```

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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