

Converting Colors

Decimal(7567051)

Have a look what the booklet for
Decimal(7567051) contains.

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Color

Decimal(7567051)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 7376CB |
| RGB | 115, 118, 203 |
| RGB Percent | 45%, 46%, 80% |
| CMY | 0.5490, 0.5373, 0.2039 |
| CMYK | 0.43, 0.42, 0.00, 0.20 |
| HSL | 238°, 46%, 62% |
| HSV | 238°, 43%, 80% |
| XYZ | 24.3282, 20.9135, 59.2544 |
| YIQ | 126.7930, -29.0730, 25.7990 |

Conversions

Conversions Part 2

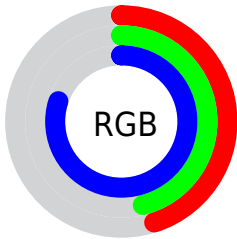
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 115, 118, 203 |
| Decimal | 7567051 |
| CIE _{Lab} | 52.85, 20.68, -44.57 |
| CIE _{LCh} | 53, 49.134, 294.886 |
| Yxy | 20.9135, 0.2328, 0.2001 |
| Android (android.graphics.Color) | 4285757131 (0xFF7376CB) |
| YUV | 126.7930, 37.5701, -10.3425 |
| Hunter-Lab | 45.7313, 14.9288, -44.8106 |

Details

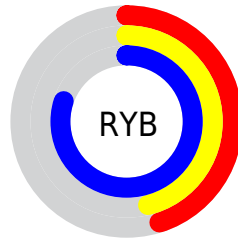
The Decimal color **7567051** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **13355123**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **11250431**, and **3950228** is the 20% darker color. If you saturate the color by 10%, you get **6251211**, and if you desaturate by 10%, it is **8882891**.

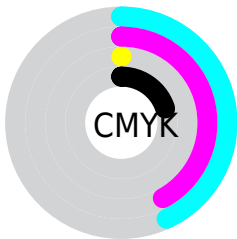
Distribution



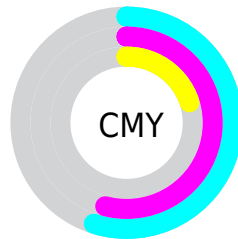
- Red (45%)
- Green (46%)
- Blue (80%)



- Red (45%)
- Yellow (46%)
- Blue (80%)



- Cyan (43%)
- Magenta (42%)
- Yellow (0%)
- Black (20%)



- Cyan (55%)
- Magenta (54%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7567051 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 7567051 by changing the saturation by 10% instead.

■ 7567051

■ 7567051

16777215

■ 5791151

■ 11250431

■ 3950228

■ 13092351

■ 1912954

■ 15000063

■ 7009

16776959

■ 584

■ 1073

■ 283

■ 0

■ 7567051

■ 7567051

■ 6251211

■ 8882891

■ 4870091

■ 10264011

■ 3554251

■ 11579851

■ 2238667

■ 12895435

■ 857291

■ 14276811

■ 1995

■ 15592651

■ 16777163

Harmonies

Analogous

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



34258



7567051



11232431

Triad

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



7567051



12216633



37493

Complementary

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



7567051



13355123

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.



3968587



7567051



10189348

Square

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



7567051



13327197



7505452



37536

Rectangle

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



7567051



12606357



7505452



37223

Sweetspot

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



7567051



14606335



7588807



7040128



0



8421504

Same Dimension

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



7567051



8028159



10187723



6052966



1702



294

Inverse Universe

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



13333366



16743039



10734451



6708316



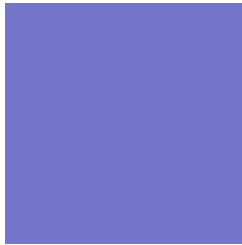
10878982



2490369

Previews

White Background



This preview shows how the Decimal color 7567051 looks on a white background.

Color Contrast Check

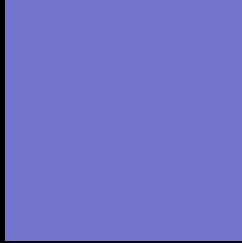
Large Text (above 18pt) WCAG AA ✓ Pass

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 7567051 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 7567051 Background



This preview shows how black text looks on a background with the Decimal color 7567051.

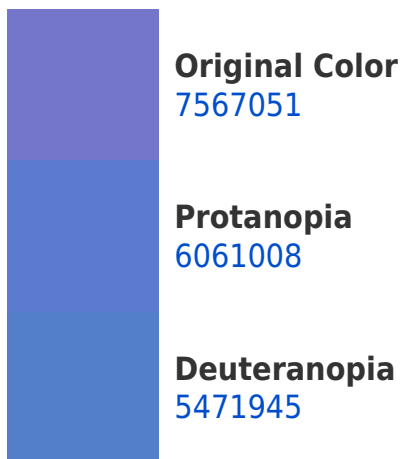



This preview shows how white text looks on a background with the Decimal color 7567051.

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](#).

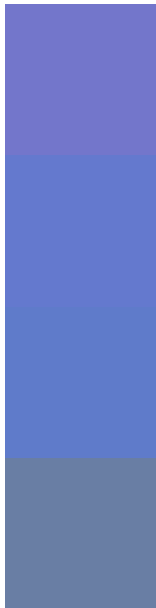
Dichromacy





Tritanopia
6521742

Trichromacy



Original Color
7567051

Protanomaly
6584782

Deuteranomaly
6257610

Tritanomaly
6913700

Monochromacy



Original Color
7567051

Achromatopsia
8355711

Achromatomaly
8092827

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7567051 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 #7376CB looks like.

```
.text, #text, p{  
    color:#7376CB  
}
```

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 #7376CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7376CB
}
```

Border

The CSS property to change the border of an element to Decimal 7567051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

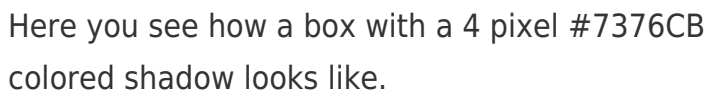
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7376CB }
```

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

```
.border{ border-color:#7376CB }
```

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



Here you see how a box with a 4 pixel #7376CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7376CB; -webkit-box-shadow:4px 4px  
4px 4px #7376CB; box-shadow:4px 4px 4px  
4px #7376CB }
```

Background

The CSS property to change the background color of an element to Decimal 7567051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7376CB }
```

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

```
.background{ background-color:#7376CB }
```

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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