

Converting Colors

Decimal(7558637)

Have a look what the booklet for
Decimal(7558637) contains.

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Color

Decimal(7558637)

Conversions

Conversions Part 1

Format	Color
Hex	7355ED
RGB	115, 85, 237
RGB Percent	45%, 33%, 93%
CMY	0.5490, 0.6667, 0.0706
CMYK	0.51, 0.64, 0.00, 0.07
HSL	252°, 81%, 63%
HSV	252°, 64%, 93%
XYZ	25.6048, 16.2563, 81.9090
YIQ	111.2980, -30.9120, 53.6320

Conversions

Conversions Part 2

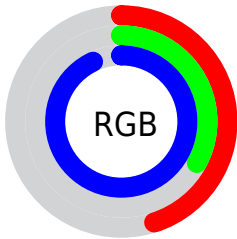
Format	Color
RYB	115, 85, 237
Decimal	7558637
CIELab	47.31, 50.04, -72.74
CIELCh	47, 88.291, 304.524
Yxy	16.2563, 0.2069, 0.1313
Android (android.graphics.Color)	4285748717 (0xFF7355ED)
YUV	111.2980, 61.9711, 3.2467
Hunter-Lab	40.3191, 42.7989, -92.2256

Details

The Decimal color **7558637** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **13626709**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **11503871**, and **3155124** is the 20% darker color. If you saturate the color by 10%, you get **6307309**, and if you desaturate by 10%, it is **8809965**.

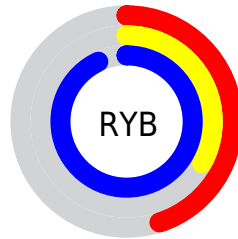
Distribution



Red (45%)

Green (33%)

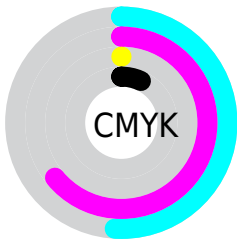
Blue (93%)



Red (45%)

Yellow (33%)

Blue (93%)

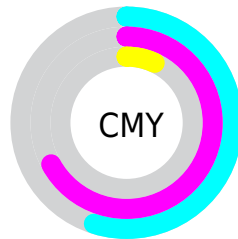


Cyan (51%)

Magenta (64%)

Yellow (0%)

Black (7%)



Cyan (55%)

Magenta (67%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7558637 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 7558637 by changing the saturation by 10% instead.

 7558637

 7558637

16777215

 5520592

 11503871

 3155124

 13476863

 2968

 15515647

 126

 16767999

 100

 16775423

 2379

 1075

 541

 0

■ 7558637

■ 7558637

■ 6307309

■ 8809965

■ 5056237

■ 10061037

■ 3804909

■ 11312365

■ 3080429

■ 12563693

■ 13814765

■ 15066093

■ 16317421

■ 16777197

Harmonies

Analogous

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



30975



7558637



13500594

Triad

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



7558637



12210688



36218

Complementary

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



7558637



13626709

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.



35369



7558637



8352000

Square

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



7558637



14747167



2523648



36548

Rectangle

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



7558637



15138945



2523648



35936

Sweetspot

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



7558637



14209023



5624301



6840960



0



8421504

Same Dimension

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



7558637



6372351



12408301



7105141



2359477



720950

Inverse Universe

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



15553999



16727000



8777045



7694963



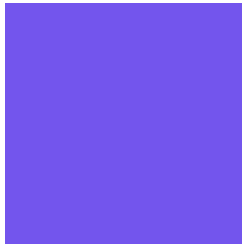
11862161



3538987

Previews

White Background



This preview shows how the Decimal color 7558637 looks on a white background.

Color Contrast Check

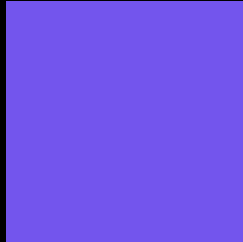
Large Text (above 18pt) WCAG AA ✓ Pass

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 7558637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

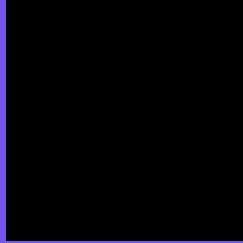
Any Text WCAG AA × Fail

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 7558637 Background



This preview shows how black text looks on a background with the Decimal color 7558637.




This preview shows how white text looks on a background with the Decimal color 7558637.

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
5338751

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7558637 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 #7355ED looks like.

```
.text, #text, p{  
  color:#7355ED  
}
```

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 #7355ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7355ED
}
```

Border

The CSS property to change the border of an element to Decimal 7558637 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
#7355ED }
```

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

```
.border{ border-color:#7355ED }
```

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

Here you see how a box with a 4 pixel #7355ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7355ED; -webkit-box-shadow:4px 4px  
4px 4px #7355ED; box-shadow:4px 4px 4px  
4px #7355ED }
```

Background

The CSS property to change the background color of an element to Decimal 7558637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7355ED }
```

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

```
.background{ background-color:#7355ED }
```

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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