

Converting Colors

Decimal(5637575)

Have a look what the booklet for
Decimal(5637575) contains.

Decimal(5637575)	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>	28

Color

Decimal(5637575)

Conversions

Conversions Part 1

Format	Color
Hex	5605C7
RGB	86, 5, 199
RGB Percent	34%, 2%, 78%
CMY	0.6627, 0.9804, 0.2196
CMYK	0.57, 0.97, 0.00, 0.22
HSL	265°, 95%, 40%
HSV	265°, 97%, 78%
XYZ	14.2008, 6.2105, 54.4831
YIQ	51.3350, -13.9980, 77.5060

Conversions

Conversions Part 2

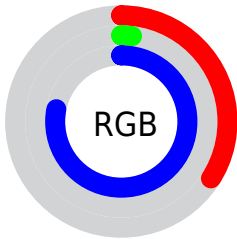
Format	Color
R_{YB}	86, 5, 199
Decimal	5637575
CIE _{Lab}	29.94, 67.31, -79.58
CIE _{LCh}	30, 104.226, 310.225
Yxy	6.2105, 0.1896, 0.0829
Android (android.graphics.Color)	4283827655 (0xFF5605C7)
YUV	51.3350, 72.7988, 30.4012
Hunter-Lab	24.9209, 58.1043, -112.1778

Details

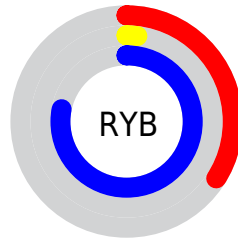
The Decimal color **5637575** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **7784197**, and the grayscale version is **3355443**.

A 20% lighter version of the original color is **9718015**, and **143** is the 20% darker color. If you saturate the color by 10%, you get **5439687**, and if you desaturate by 10%, it is **6429127**.

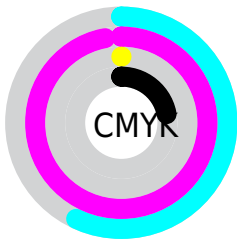
Distribution



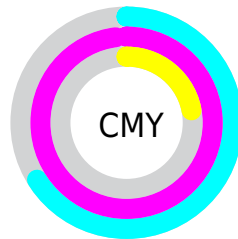
- Red (34%)
- Green (2%)
- Blue (78%)



- Red (34%)
- Yellow (2%)
- Blue (78%)



- Cyan (57%)
- Magenta (97%)
- Yellow (0%)
- Black (22%)



- Cyan (66%)
- Magenta (98%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5637575 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 5637575 by changing the saturation by 10% instead.

■ 5637575

■ 5637575

16777215

■ 3276971

■ 9718015

■ 143

■ 11756799

■ 117

■ 13729791

■ 91

■ 15768319

■ 1858

■ 16758783

■ 811

■ 16765951

■ 278

■ 16773375

■ 0

■ 5637575

■ 5637575

■ 5439687

■ 6429127

■ 7155143

■ 7946695

■ 8672711

■ 9464263

■ 10255559

■ 10981575

■ 11773127

■ 12499143

Harmonies

Analogous

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



20206



5637575



11600000

Triad

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



5637575



8399360



24418

Complementary

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



5637575



7784197

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.



23808



5637575



4017408

Square

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



5637575



11534336



22784



25265

Rectangle

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



5637575



12845130



22784



24389

Sweetspot

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



5637575



13940223



358087



6706048



0



8421504

Same Dimension

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



5637575



6947071



11994567



6183523



4456611



983076

Inverse Universe

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



13043062



16711829



1427205



6511199



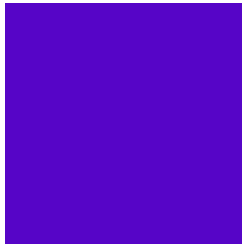
10682463



2359317

Previews

White Background



This preview shows how the Decimal color 5637575 looks on a white background.

Color Contrast Check

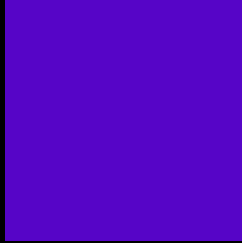
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Decimal color 5637575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

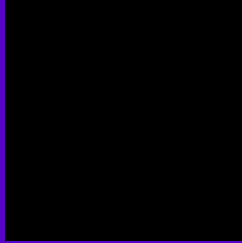
Any Text WCAG AA × Fail

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 5637575 Background



This preview shows how black text looks on a background with the Decimal color 5637575.

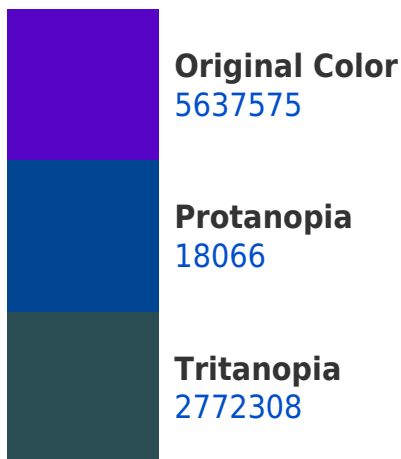


This preview shows how white text looks on a background with the Decimal color 5637575.

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
5637575

Protanomaly
2043557

Tritanomaly
3814270

Monochromacy



Original Color
5637575

Achromatopsia
3355443

Achromatomaly
4203113

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5637575 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 #5605C7 looks like.

```
.text, #text, p{  
  color:#5605C7  
}
```

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 #5605C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5605C7
}
```

Border

The CSS property to change the border of an element to Decimal 5637575 is called "border". The border property can be set on classes, ids or directly on the HTML element.

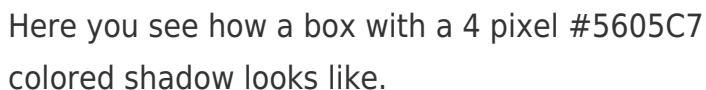
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5605C7 }
```

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

```
.border{ border-color:#5605C7 }
```

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



Here you see how a box with a 4 pixel #5605C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5605C7; -webkit-box-shadow:4px 4px  
4px 4px #5605C7; box-shadow:4px 4px 4px  
4px #5605C7 }
```

Background

The CSS property to change the background color of an element to Decimal 5637575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5605C7 }
```

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

```
.background{ background-color:#5605C7 }
```

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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