

Converting Colors

Decimal(5775037)

Have a look what the booklet for
Decimal(5775037) contains.

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Color

Decimal(5775037)

Conversions

Conversions Part 1

Format	Color
Hex	581EBD
RGB	88, 30, 189
RGB Percent	35%, 12%, 74%
CMY	0.6549, 0.8824, 0.2588
CMYK	0.53, 0.84, 0.00, 0.26
HSL	262°, 73%, 43%
HSV	262°, 84%, 74%
XYZ	13.6741, 6.6774, 48.7123
YIQ	65.4680, -16.4710, 61.7450

Conversions

Conversions Part 2

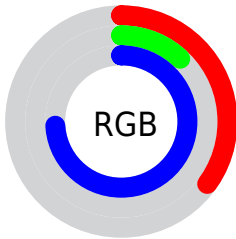
Format	Color
R_{YB}	88, 30, 189
Decimal	5775037
CIE _{Lab}	31.06, 59.14, -71.82
CIE _{LCh}	31, 93.042, 309.470
Yxy	6.6774, 0.1980, 0.0967
Android (android.graphics.Color)	4283965117 (0xFF581EBD)
YUV	65.4680, 60.9013, 19.7606
Hunter-Lab	25.8406, 49.2358, -93.6794

Details

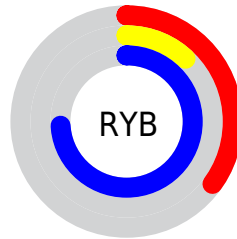
The Decimal color **5775037** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **8633630**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **9721079**, and **327814** is the 20% darker color. If you saturate the color by 10%, you get **4983741**, and if you desaturate by 10%, it is **6566333**.

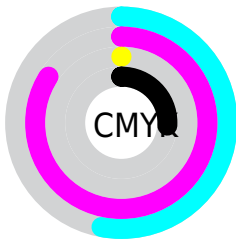
Distribution



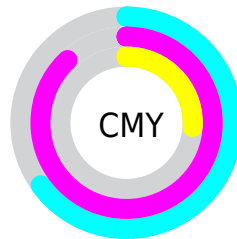
- Red (35%)
- Green (12%)
- Blue (74%)



- Red (35%)
- Yellow (12%)
- Blue (74%)



- Cyan (53%)
- Magenta (84%)
- Yellow (0%)
- Black (26%)



- Cyan (65%)
- Magenta (88%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5775037 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 5775037 by changing the saturation by 10% instead.

■ 5775037

■ 5775037

16777215

■ 3604641

■ 9721079

■ 327814

■ 11693823

■ 108

■ 13666815

■ 83

■ 15640063

■ 1594

■ 16761343

■ 548

■ 16768511

■ 11

■ 16775935

■ 0

■ 5775037

■ 5775037

■ 4983741

■ 6566333

■ 4522173

■ 7357629

■ 8148925

■ 8940221

■ 9731517

■ 10522557

■ 11313853

■ 12105149

■ 12896445

Harmonies

Analogous

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



20447



5775037



11075710

Triad

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



5775037



8466432



24928

Complementary

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



5775037



8633630

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.



24331



5775037



4541952

Square

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



5775037



11206656



23040



25511

Rectangle

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



5775037



12255310



23040



24902

Sweetspot

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



5775037



13547765



2000317



6510202



16448250



8026746

Same Dimension

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



5775037



5832949



10821309



5789022



3801246



720927

Inverse Universe

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



12394115



16056476



3587358



6182235



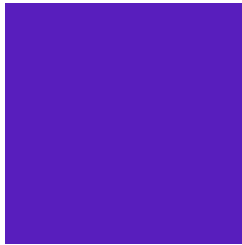
10354788



2031635

Previews

White Background



This preview shows how the Decimal color 5775037 looks on a white background.

Color Contrast Check

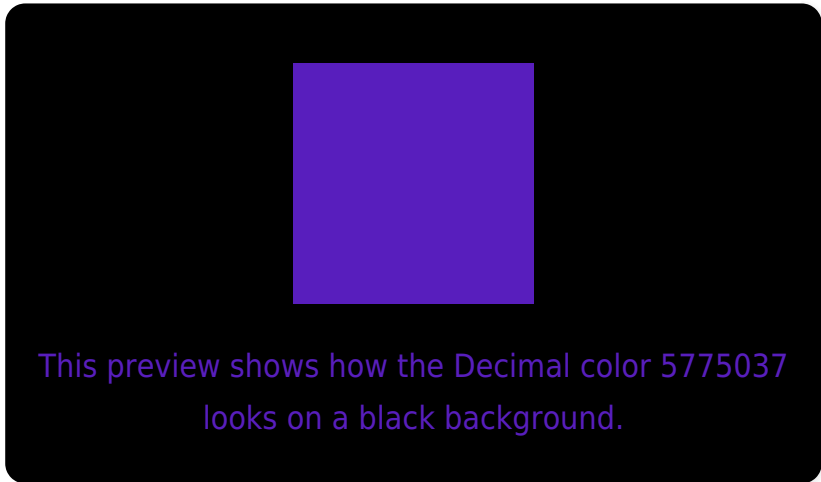
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

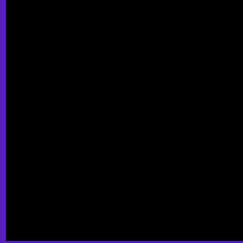
Any Text WCAG AA × Fail

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 5775037 Background



This preview shows how black text looks on a background with the Decimal color 5775037.



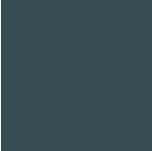
This preview shows how white text looks on a background with the Decimal color 5775037.

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
3558740

Trichromacy



Original Color
5775037

Protanomaly
2111652

Deuteranomaly
2112406

Tritanomaly
4340858

Monochromacy



Original Color
5775037

Achromatopsia
4276545

Achromatomaly
4797550

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5775037 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 #581EBD looks like.

```
.text, #text, p{  
    color:#581EBD  
}
```

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 #581EBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #581EBD
}
```

Border

The CSS property to change the border of an element to Decimal 5775037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

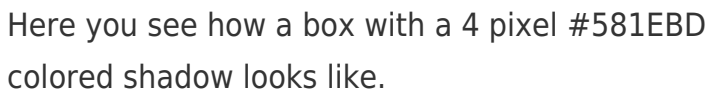
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#581EBD }
```

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

```
.border{ border-color:#581EBD }
```

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



Here you see how a box with a 4 pixel #581EBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #581EBD; -webkit-box-shadow:4px 4px  
4px 4px #581EBD; box-shadow:4px 4px 4px  
4px #581EBD }
```

Background

The CSS property to change the background color of an element to Decimal 5775037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#581EBD }
```

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

```
.background{ background-color:#581EBD }
```

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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