

Converting Colors

Decimal(4656373)

Have a look what the booklet for
Decimal(4656373) contains.

Decimal(4656373)	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>	29

Color

Decimal(4656373)

Conversions

Conversions Part 1

Format	Color
Hex	470CF5
RGB	71, 12, 245
RGB Percent	28%, 5%, 96%
CMY	0.7216, 0.9529, 0.0392
CMYK	0.71, 0.95, 0.00, 0.04
HSL	255°, 92%, 50%
HSV	255°, 95%, 96%
XYZ	19.2114, 8.1951, 86.9555
YIQ	56.2030, -39.6290, 84.9710

Conversions

Conversions Part 2

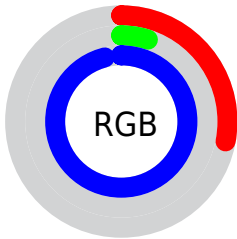
Format	Color
R _Y B	71, 12, 245
Decimal	4656373
CIE Lab	34.39, 76.25, -98.68
CIE LCh	34, 124.712, 307.693
Yxy	8.1951, 0.1680, 0.0717
Android (android.graphics.Color)	4282846453 (0xFF470CF5)
YUV	56.2030, 93.0769, 12.9770
Hunter-Lab	28.6271, 69.6926, -160.0557

Details

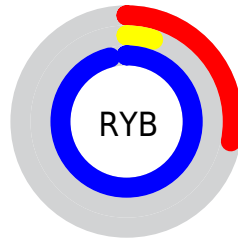
The Decimal color **4656373** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **12252428**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **9522943**, and **187** is the 20% darker color. If you saturate the color by 10%, you get **4063477**, and if you desaturate by 10%, it is **5842165**.

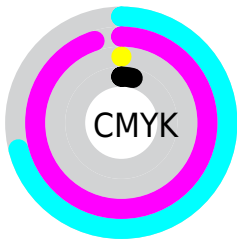
Distribution



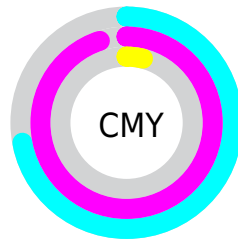
- Red (28%)
- Green (5%)
- Blue (96%)



- Red (28%)
- Yellow (5%)
- Blue (96%)



- Cyan (71%)
- Magenta (95%)
- Yellow (0%)
- Black (4%)



- Cyan (72%)
- Magenta (95%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4656373 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 4656373 by changing the saturation by 10% instead.

 4656373

 4656373

16777215

 216

 9522943

 187

 11692799

 159

 13796863

 131

 15901183

 2921

 16760575

 2640

 16767999

 1336

 16775423

 545

 7

■ 4656373

■ 4656373

■ 4063477

■ 5842165

■ 7093749

■ 8279797

■ 9465589

■ 10651381

■ 11902965

■ 13088757

■ 14274805

■ 15526389

Harmonies

Analogous

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



24319



4656373



13500575

Triad

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



4656373



10167296



28010

Complementary

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



4656373



12252428

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.



27392



4656373



5003008

Square

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



4656373



13828096



26112



29133

Rectangle

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



4656373



15204446



26112



27719

Sweetspot

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



4656373



13153791



834549



6181760



0



8421504

Same Dimension

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



4656373



4260095



12258549



7433850



3080378



983099

Inverse Universe

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



16059578



16711870



4650252



8023671



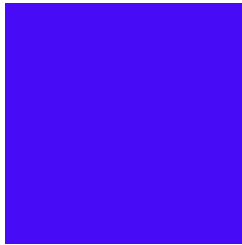
12189835



3866668

Previews

White Background



This preview shows how the Decimal color 4656373 looks on a white background.

Color Contrast Check

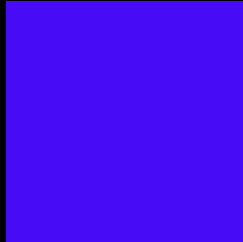
Large Text (above 18pt) WCAG AA ✓ Pass

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 4656373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

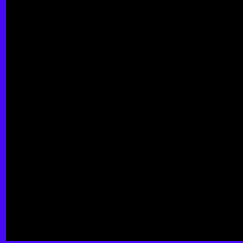
Any Text WCAG AA × Fail

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 4656373 Background



This preview shows how black text looks on a background with the Decimal color 4656373.



This preview shows how white text looks on a background with the Decimal color 4656373.

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
4656373

Protanomaly
1717953

Deuteranomaly
1718962

Tritanomaly
1719958

Monochromacy



Original Color
4656373

Achromatopsia
3684408

Achromatomaly
4008061

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4656373 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 #470CF5 looks like.

```
.text, #text, p{  
  color:#470CF5  
}
```

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 #470CF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470CF5
}
```

Border

The CSS property to change the border of an element to Decimal 4656373 is called "border". The border property can be set on classes, ids or directly on the HTML element.

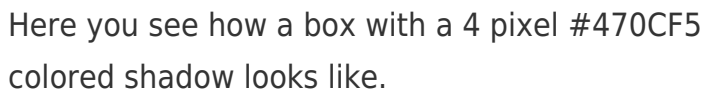
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#470CF5 }
```

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

```
.border{ border-color:#470CF5 }
```

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



Here you see how a box with a 4 pixel #470CF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470CF5; -webkit-box-shadow:4px 4px  
4px 4px #470CF5; box-shadow:4px 4px 4px  
4px #470CF5 }
```

Background

The CSS property to change the background color of an element to Decimal 4656373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470CF5 }
```

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

```
.background{ background-color:#470CF5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor