

Converting Colors

Decimal(4677604)

Have a look what the booklet for
Decimal(4677604) contains.

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Color

Decimal(4677604)

Conversions

Conversions Part 1

Format	Color
Hex	475FE4
RGB	71, 95, 228
RGB Percent	28%, 37%, 89%
CMY	0.7216, 0.6275, 0.1059
CMYK	0.69, 0.58, 0.00, 0.11
HSL	231°, 74%, 59%
HSV	231°, 69%, 89%
XYZ	20.6943, 15.1254, 75.2276
YIQ	102.9860, -56.9970, 36.2750

Conversions

Conversions Part 2

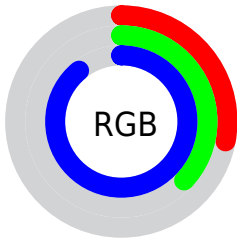
Format	Color
R_{YB}	71, 92, 228
Decimal	4677604
CIE _{Lab}	45.81, 34.39, -70.25
CIE _{LCh}	46, 78.215, 296.087
Yxy	15.1254, 0.1864, 0.1362
Android (android.graphics.Color)	4282867684 (0xFF475FE4)
YUV	102.9860, 61.6319, -28.0517
Hunter-Lab	38.8914, 26.9207, -87.4604

Details

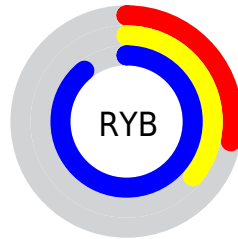
The Decimal color **4677604** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **14994503**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **9015807**, and **12715** is the 20% darker color. If you saturate the color by 10%, you get **3165412**, and if you desaturate by 10%, it is **6189796**.

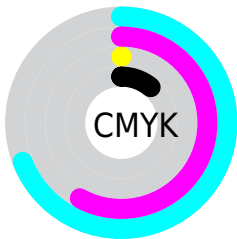
Distribution



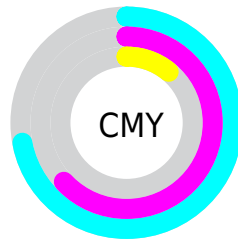
- Red (28%)
- Green (37%)
- Blue (89%)



- Red (28%)
- Yellow (36%)
- Blue (89%)



- Cyan (69%)
- Magenta (58%)
- Yellow (0%)
- Black (11%)



- Cyan (72%)
- Magenta (63%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4677604 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 4677604 by changing the saturation by 10% instead.

■ 4677604

■ 4677604

16777215

■ 1591495

■ 9015807

■ 12715

■ 10988799

■ 7568

■ 13027327

■ 3190

■ 15066111

■ 348

■ 1859

■ 812

■ 279

■ 0

■ 4677604

■ 4677604

■ 3165412

■ 6189796

■ 1652964

■ 7702244

■ 206308

■ 9148900

■ 9188

■ 10661092

■ 12173540

■ 13685732

■ 15197924

■ 16644836

■ 16777188

Harmonies

Analogous

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



30961



4677604



11547831

Triad

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



4677604



12273664



34658

Complementary

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



4677604



14994503

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.



33303



4677604



9201408

Square

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



4677604



14094136



5011712



34725

Rectangle

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



4677604



13566094



5011712



34378

Sweetspot

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



4677604



13226751



4711626



6317184



0



8421504

Same Dimension

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



4677604



2837759



8079332



6777203



7091



2099

Inverse Universe

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



14960479



16722764



11592775



7563113



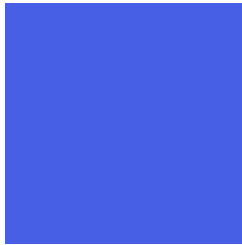
11730971



3342344

Previews

White Background



This preview shows how the Decimal color 4677604 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 4677604 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 4677604 Background



This preview shows how black text looks on a background with the Decimal color 4677604.



This preview shows how white text looks on a background with the Decimal color 4677604.

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
30849

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4677604 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 #475FE4 looks like.

```
.text, #text, p{  
    color:#475FE4  
}
```

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 #475FE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475FE4
}
```

Border

The CSS property to change the border of an element to Decimal 4677604 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
#475FE4 }
```

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

```
.border{ border-color:#475FE4 }
```

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

Here you see how a box with a 4 pixel #475FE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475FE4; -webkit-box-shadow:4px 4px  
4px 4px #475FE4; box-shadow:4px 4px 4px  
4px #475FE4 }
```

Background

The CSS property to change the background color of an element to Decimal 4677604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475FE4 }
```

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

```
.background{ background-color:#475FE4 }
```

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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