

Converting Colors

Decimal(6684927)

Have a look what the booklet for
Decimal(6684927) contains.

Decimal(6684927)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Decimal(6684927)

Conversions

Conversions Part 1

Format	Color
Hex	6600FF
RGB	102, 0, 255
RGB Percent	40%, 0%, 100%
CMY	0.6000, 1.0000, 0.0000
CMYK	0.60, 1.00, 0.00, 0.00
HSL	264°, 100%, 50%
HSV	264°, 100%, 100%
XYZ	23.5295, 10.0448, 95.3064
YIQ	59.5680, -21.0630, 100.9290

Conversions

Conversions Part 2

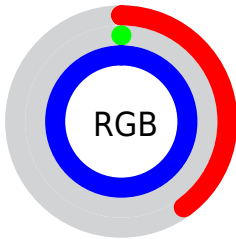
Format	Color
RYB	102, 0, 255
Decimal	6684927
CIELab	37.92, 81.53, -98.35
CIElCh	38, 127.743, 309.658
Yxy	10.0448, 0.1826, 0.0779
Android (android.graphics.Color)	4284875007 (0xFF6600FF)
YUV	59.5680, 96.3480, 37.2129
Hunter-Lab	31.6935, 77.0561, -156.1072

Details

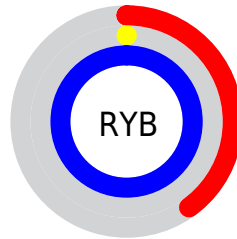
The Decimal color **6684927** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **10092288**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **11161599**, and **196** is the 20% darker color. If you saturate the color by 10%, you get **6684927**, and if you desaturate by 10%, it is **7674367**.

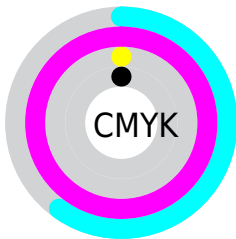
Distribution



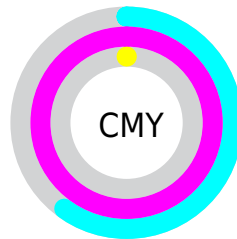
- Red (40%)
- Green (0%)
- Blue (100%)



- Red (40%)
- Yellow (0%)
- Blue (100%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6684927 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 6684927 by changing the saturation by 10% instead.

6684927

6684927

16777215

4063457

11161599

196

13266175

168

15370495

141

16754175

114

16761599

3160

16769023

1856

16776703

809

275

 6684927

 7674367

 8729599

 9719295

 10708735

 11698431

 12753407

 13743103

 14732543

 15787775

Harmonies

Analogous

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



25855



6684927



14680228

Triad

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



6684927



10695168



30842

Complementary

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



6684927



10092288

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.



29952



6684927



5136640

Square

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



6684927



14614528



28672



31968

Rectangle

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



6684927



16253024



28672



30550

Sweetspot

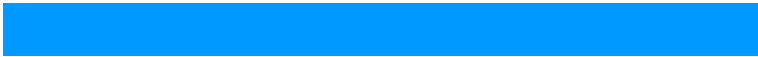
The Sweet Spot groups the original color and five complimentary colors.



6684927



13743103



39423



6574720



0



8421504

Same Dimension

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



6684927



15073535



7893888



4980927



1638464

Inverse Universe

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



16711833



1769216



8418170



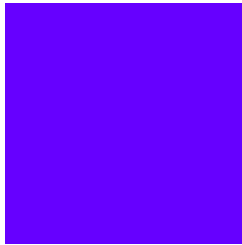
12517491



4194342

Previews

White Background



This preview shows how the Decimal color 6684927 looks on a white background.

Color Contrast Check

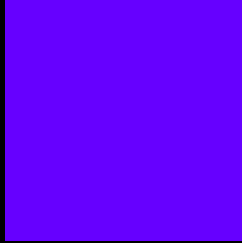
Large Text (above 18pt) WCAG AA ✓ Pass

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 6684927 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 6684927 Background



This preview shows how black text looks on a background with the Decimal color 6684927.




This preview shows how white text looks on a background with the Decimal color 6684927.

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
1991531

Trichromacy



Original Color

6684927



Protanomaly

2439121



Deuteranomaly

2440128



Tritanomaly

3686305

Monochromacy



Original Color

6684927



Achromatopsia

3947580



Achromatomaly

4925059

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6684927 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 #6600FF looks like.

```
.text, #text, p{  
    color:#6600FF  
}
```

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 #6600FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6600FF
}
```

Border

The CSS property to change the border of an element to Decimal 6684927 is called "border". The border property can be set on classes, ids or directly on the HTML element.

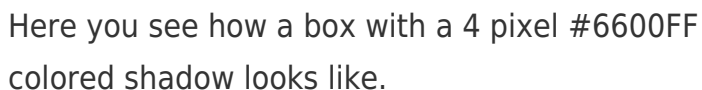
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6600FF }
```

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

```
.border{ border-color:#6600FF }
```

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



Here you see how a box with a 4 pixel #6600FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6600FF; -webkit-box-shadow:4px 4px  
4px 4px #6600FF; box-shadow:4px 4px 4px  
4px #6600FF }
```

Background

The CSS property to change the background color of an element to Decimal 6684927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6600FF }
```

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

```
.background{ background-color:#6600FF }
```

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