

Converting Colors

Decimal(6095097)

Have a look what the booklet for
Decimal(6095097) contains.

Decimal(6095097)	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(6095097)

Conversions

Conversions Part 1

Format	Color
Hex	5D00F9
RGB	93, 0, 249
RGB Percent	36%, 0%, 98%
CMY	0.6353, 1.0000, 0.0235
CMYK	0.63, 1.00, 0.00, 0.02
HSL	262°, 100%, 49%
HSV	262°, 100%, 98%
XYZ	21.6131, 9.1667, 90.2527
YIQ	56.1930, -24.5010, 97.1550

Conversions

Conversions Part 2

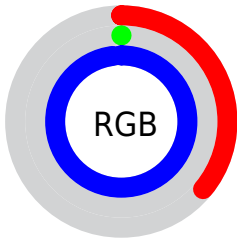
Format	Color
RYB	93, 0, 249
Decimal	6095097
CIELab	36.30, 79.74, -97.69
CIElCh	36, 126.105, 309.222
Yxy	9.1667, 0.1786, 0.0757
Android (android.graphics.Color)	4284285177 (0xFF5D00F9)
YUV	56.1930, 95.0539, 32.2797
Hunter-Lab	30.2766, 74.4391, -155.5465

Details

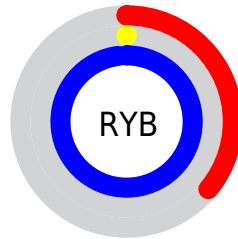
The Decimal color **6095097** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **10287360**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **10636799**, and **191** is the 20% darker color. If you saturate the color by 10%, you get **6095097**, and if you desaturate by 10%, it is **7150073**.

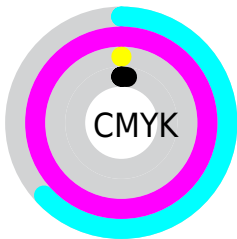
Distribution



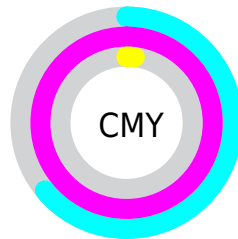
- Red (36%)
- Green (0%)
- Blue (98%)



- Red (36%)
- Yellow (0%)
- Blue (98%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



- Cyan (64%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6095097 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 6095097 by changing the saturation by 10% instead.

 6095097

 6095097

16777215

 3277020

 10636799

 191

 12741375

 163

 14845695

 135

 16753407

 877

 16760831

 2899

 16768255


 1595

 16775935

 548

 12


 6095097

 7150073

 8139513

 9194489

 10183929

 11238905

 12293625

 13283065

 14338041

 15327481

Harmonies

Analogous

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



25087



6095097



14155936

Triad

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



6095097



10431744



29556

Complementary

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



6095097



10287360

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.



28672



6095097



5004544

Square

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



6095097



14221312



27648



30680

Rectangle

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



6095097



15794270



27648



29265

Sweetspot

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



6095097



13612031



40697



6509184



0



8421504

Same Dimension

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



6095097



6226175



14156025



7696509



4587709



1507389

Inverse Universe

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



16318620



16711840



2226432



8220792



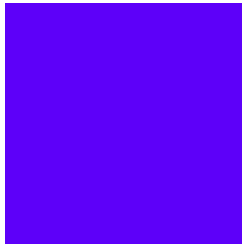
12386422



3997734

Previews

White Background



This preview shows how the Decimal color 6095097 looks on a white background.

Color Contrast Check

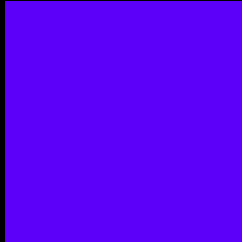
Large Text (above 18pt) WCAG AA ✓ Pass

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 6095097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

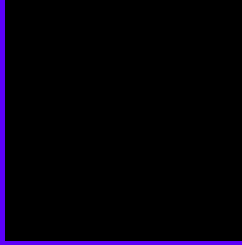
Any Text WCAG AA × Fail

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 6095097 Background



This preview shows how black text looks on a background with the Decimal color 6095097.



This preview shows how white text looks on a background with the Decimal color 6095097.

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



Original Color
6095097

Protanopia
21423

Deuteranopia
22933



Tritanopia
24679

Trichromacy



Original Color
6095097

Protanomaly
2241994

Deuteranomaly
2243001

Tritanomaly
2243996

Monochromacy



Original Color
6095097

Achromatopsia
3684408

Achromatomaly
4531326

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6095097 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 #5D00F9 looks like.

```
.text, #text, p{  
    color:#5D00F9  
}
```

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 #5D00F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D00F9
}
```

Border

The CSS property to change the border of an element to Decimal 6095097 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".

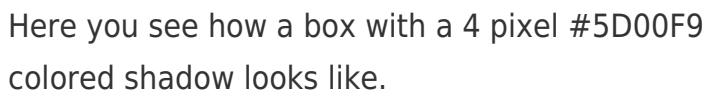
```
.border, #border, table{ border:4px solid
#5D00F9 }
```

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

```
.border{ border-color:#5D00F9 }
```

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

Here you see how a box with a 4 pixel #5D00F9 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #5D00F9 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D00F9; -webkit-box-shadow:4px 4px  
4px 4px #5D00F9; box-shadow:4px 4px 4px  
4px #5D00F9 }
```

Background

The CSS property to change the background color of an element to Decimal 6095097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D00F9 }
```

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

```
.background{ background-color:#5D00F9 }
```

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