

Converting Colors

Decimal(6096870)

Have a look what the booklet for
Decimal(6096870) contains.

Decimal(6096870)	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(6096870)

Conversions

Conversions Part 1

Format	Color
Hex	5D07E6
RGB	93, 7, 230
RGB Percent	36%, 3%, 90%
CMY	0.6353, 0.9725, 0.0980
CMYK	0.60, 0.97, 0.00, 0.10
HSL	263°, 94%, 46%
HSV	263°, 97%, 90%
XYZ	18.8731, 8.1923, 75.4495
YIQ	58.1360, -20.3270, 87.5850

Conversions

Conversions Part 2

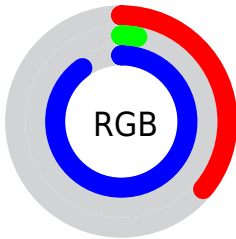
Format	Color
RYB	93, 7, 230
Decimal	6096870
CIELab	34.38, 74.55, -90.12
CIELCh	34, 116.955, 309.597
Yxy	8.1923, 0.1841, 0.0799
Android (android.graphics.Color)	4284286950 (0xFF5D07E6)
YUV	58.1360, 84.7290, 30.5757
Hunter-Lab	28.6222, 67.6119, -136.2559

Details

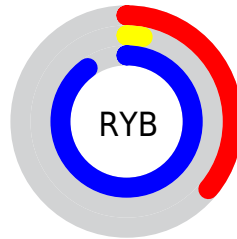
The Decimal color **6096870** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **9496071**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **10440191**, and **173** is the 20% darker color. If you saturate the color by 10%, you get **5832934**, and if you desaturate by 10%, it is **7020262**.

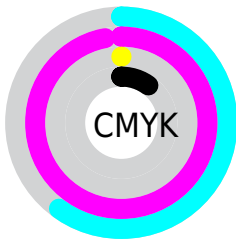
Distribution



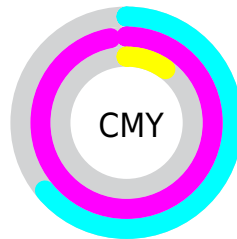
- Red (36%)
- Green (3%)
- Blue (90%)



- Red (36%)
- Yellow (3%)
- Blue (90%)



- Cyan (60%)
- Magenta (97%)
- Yellow (0%)
- Black (10%)






















- Cyan (64%)
- Magenta (97%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6096870 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 6096870 by changing the saturation by 10% instead.

 6096870	 6096870
 16777215	 3539145
 10440191	 173
 12478975	 145
 14517759	 118
 16622079	 2140
 16760575	 1860
 16767999	 812
 16775423	 279
	 0

■ 6096870

■ 6096870

■ 5832934

■ 7020262

■ 7943654

■ 8867046

■ 9855974

■ 10779366

■ 11702758

■ 12626150

■ 13549542

■ 14472934

Harmonies

Analogous

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



23295



6096870



13238420

Triad

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



6096870



9711104



28014

Complementary

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



6096870



9496071

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.



27136



6096870



4741120

Square

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



6096870



13238272



26112



28874

Rectangle

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



6096870



14680151



26112



27726

Sweetspot

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



6096870



13809151



496102



6574976



0



8421504

Same Dimension

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



6096870



6422783



13371366



7104371



4522163



1310771

Inverse Universe

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



15075216



16711837



2221575



7563118



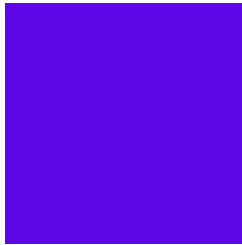
11731054



3342367

Previews

White Background



This preview shows how the Decimal color 6096870 looks on a white background.

Color Contrast Check

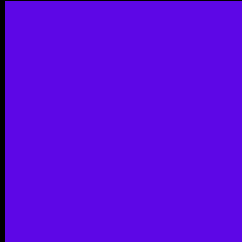
Large Text (above 18pt) WCAG AA ✓ Pass

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 6096870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

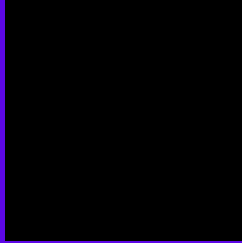
Any Text WCAG AA × Fail

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 6096870 Background



This preview shows how black text looks on a background with the Decimal color 6096870.



This preview shows how white text looks on a background with the Decimal color 6096870.

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
6096870

Protanomaly
2241981

Deuteranomaly
2242733

Tritanomaly
3554449

Monochromacy



Original Color
6096870

Achromatopsia
3815994

Achromatomaly
4663161

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6096870 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 #5D07E6 looks like.

```
.text, #text, p{  
    color:#5D07E6  
}
```

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 #5D07E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D07E6
}
```

Border

The CSS property to change the border of an element to Decimal 6096870 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".

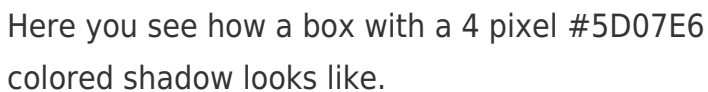
```
.border, #border, table{ border:4px solid
#5D07E6 }
```

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

```
.border{ border-color:#5D07E6 }
```

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

Here you see how a box with a 4 pixel #5D07E6 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D07E6; -webkit-box-shadow:4px 4px  
4px 4px #5D07E6; box-shadow:4px 4px 4px  
4px #5D07E6 }
```

Background

The CSS property to change the background color of an element to Decimal 6096870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D07E6 }
```

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

```
.background{ background-color:#5D07E6 }
```

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