

Converting Colors

Decimal(5706951)

Have a look what the booklet for
Decimal(5706951) contains.

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Color

Decimal(5706951)

Conversions

Conversions Part 1

Format	Color
Hex	5714C7
RGB	87, 20, 199
RGB Percent	34%, 8%, 78%
CMY	0.6588, 0.9216, 0.2196
CMYK	0.56, 0.90, 0.00, 0.22
HSL	262°, 82%, 43%
HSV	262°, 90%, 78%
XYZ	14.4894, 6.6501, 54.5527
YIQ	60.4390, -17.5270, 69.8730

Conversions

Conversions Part 2

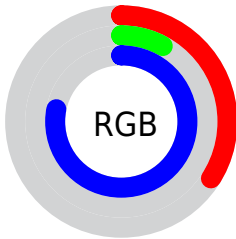
Format	Color
R _Y B	87, 20, 199
Decimal	5706951
CIE Lab	31.00, 64.53, -77.82
CIE LCh	31, 101.093, 309.666
Yxy	6.6501, 0.1914, 0.0879
Android (android.graphics.Color)	4283897031 (0xFF5714C7)
YUV	60.4390, 68.3106, 23.2940
Hunter-Lab	25.7877, 55.1659, -107.3738

Details

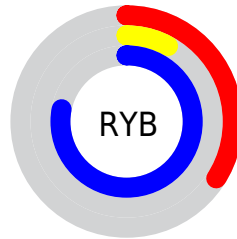
The Decimal color **5706951** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **8701716**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **9785343**, and **143** is the 20% darker color. If you saturate the color by 10%, you get **4915399**, and if you desaturate by 10%, it is **6498503**.

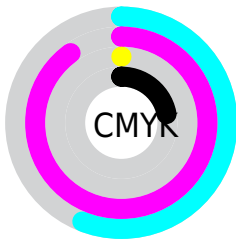
Distribution



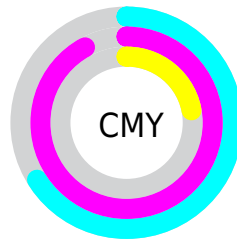
- Red (34%)
- Green (8%)
- Blue (78%)



- Red (34%)
- Yellow (8%)
- Blue (78%)



- Cyan (56%)
- Magenta (90%)
- Yellow (0%)
- Black (22%)



- Cyan (66%)
- Magenta (92%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5706951 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 5706951 by changing the saturation by 10% instead.

 5706951


 5706951

16777215

 3408043

 9785343

 143

 11758079

 117

 13796607

 91

 15769855

 1858

 16760063

 811

 16767487

 278

 16774911

 0

 5706951

 5706951

■ 4915399

■ 6498503

■ 4849863

■ 7355591

■ 8147143

■ 9004231

■ 9795783

■ 10652615

■ 11444167

■ 12301255

■ 13092807

Harmonies

Analogous

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



20716



5706951



11600002

Triad

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



5706951



8596736



25186

Complementary

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



5706951



8701716

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.



24579



5706951



4411136

Square

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



5706951



11599872



23296



25775

Rectangle

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



5706951



12845134



23296



24902

Sweetspot

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



5706951



13941503



1344967



6707072



0



8421504

Same Dimension

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



5706951



6226175



11474119



6117987



3997859



852004

Inverse Universe

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



13046916



16711840



2934548



6511200



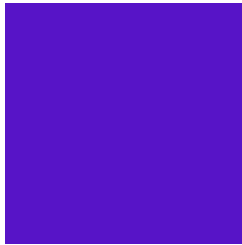
10682470



2359318

Previews

White Background



This preview shows how the Decimal color 5706951 looks on a white background.

Color Contrast Check

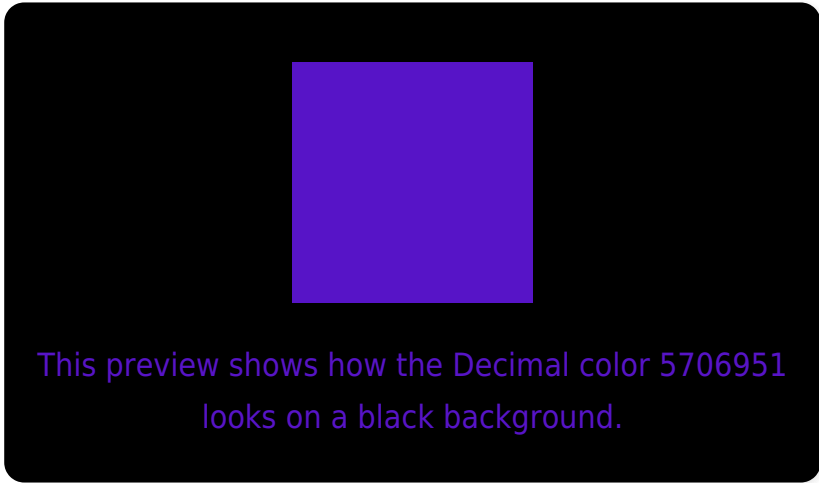
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

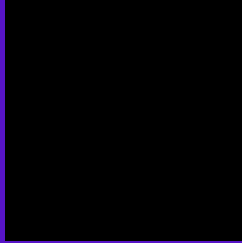
Any Text WCAG AA × Fail

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 5706951 Background



This preview shows how black text looks on a background with the Decimal color 5706951.



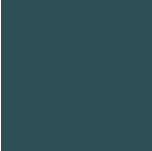
This preview shows how white text looks on a background with the Decimal color 5706951.

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
2969429

Trichromacy



Original Color
5706951

Protanomaly
2110632

Deuteranomaly
2111642

Tritanomaly
3947134

Monochromacy



Original Color
5706951

Achromatopsia
3947580

Achromatomaly
4599151

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5706951 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 #5714C7 looks like.

```
.text, #text, p{  
    color:#5714C7  
}
```

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 #5714C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5714C7
}
```

Border

The CSS property to change the border of an element to Decimal 5706951 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".

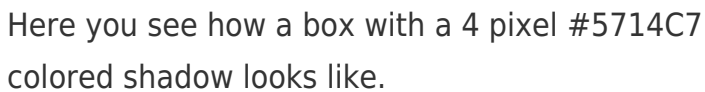
```
.border, #border, table{ border:4px solid
#5714C7 }
```

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

```
.border{ border-color:#5714C7 }
```

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

Here you see how a box with a 4 pixel #5714C7 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 to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5714C7; -webkit-box-shadow:4px 4px  
4px 4px #5714C7; box-shadow:4px 4px 4px  
4px #5714C7 }
```

Background

The CSS property to change the background color of an element to Decimal 5706951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5714C7 }
```

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

```
.background{ background-color:#5714C7 }
```

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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