

Converting Colors

Decimal(6122681)

Have a look what the booklet for
Decimal(6122681) contains.

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Color

Decimal(6122681)

Conversions

Conversions Part 1

Format	Color
Hex	5D6CB9
RGB	93, 108, 185
RGB Percent	36%, 42%, 73%
CMY	0.6353, 0.5765, 0.2745
CMYK	0.50, 0.42, 0.00, 0.27
HSL	230°, 40%, 55%
HSV	230°, 50%, 73%
XYZ	18.6337, 16.5551, 48.1123
YIQ	112.2930, -33.6570, 20.7670

Conversions

Conversions Part 2

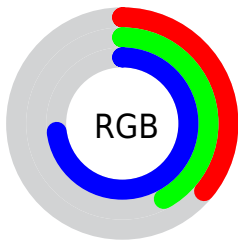
Format	Color
R _Y B	93, 106, 185
Decimal	6122681
CIE Lab	47.69, 15.92, -42.52
CIE LCh	48, 45.398, 290.526
Yxy	16.5551, 0.2237, 0.1987
Android (android.graphics.Color)	4284312761 (0xFF5D6CB9)
YUV	112.2930, 35.8446, -16.9200
Hunter-Lab	40.6879, 10.5433, -41.6272

Details

The Decimal color **6122681** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12167773**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **9740274**, and **2309507** is the 20% darker color. If you saturate the color by 10%, you get **4873657**, and if you desaturate by 10%, it is **7306169**.

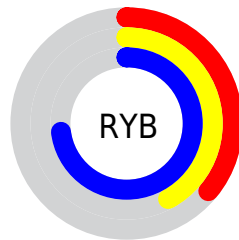
Distribution



Red (36%)

Green (42%)

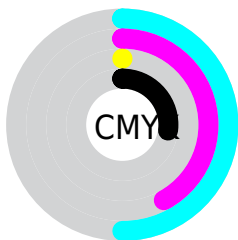
Blue (73%)



Red (36%)

Yellow (42%)

Blue (73%)

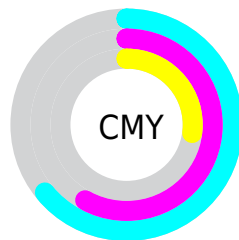


Cyan (50%)

Magenta (42%)

Yellow (0%)

Black (27%)



Cyan (64%)

Magenta (58%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6122681 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 6122681 by changing the saturation by 10% instead.

■ 6122681

■ 6122681

16777215

■ 4281502

■ 9740274

■ 2309507

■ 11582207

■ 10346

■ 13489919

■ 5201

■ 15397631

■ 314

■ 547

■ 10

■ 0

■ 6122681

■ 6122681

■ 4873657

■ 7306169

■ 3689913

■ 8555449

■ 2440889

■ 9804473

■ 1257145

■ 10988217

■ 8121

■ 12237241

■ 7865

■ 13420985

■ 14604473

■ 15853753

■ 16775097

Harmonies

Analogous

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



31164



6122681



9723042

Triad

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



6122681



11230263



33635

Complementary

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



6122681



12167773

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.



4095806



6122681



9464609

Square

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



6122681



12013657



7108388



33931

Rectangle

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



6122681



11162508



7108388



33366

Sweetspot

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



6122681



13423344



6142378



6448760



16250871



7895160

Same Dimension

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



6122681



6322160



8150457



5461084



6556



1308

Inverse Universe

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



12148076



15753335



10139997



6050644



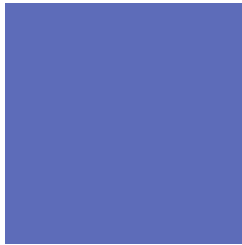
10223641



1835013

Previews

White Background



This preview shows how the Decimal color 6122681 looks on a white background.

Color Contrast Check

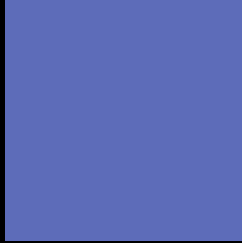
Large Text (above 18pt) WCAG AA ✓ Pass

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 6122681 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 6122681 Background



This preview shows how black text looks on a background with the Decimal color 6122681.



This preview shows how white text looks on a background with the Decimal color 6122681.

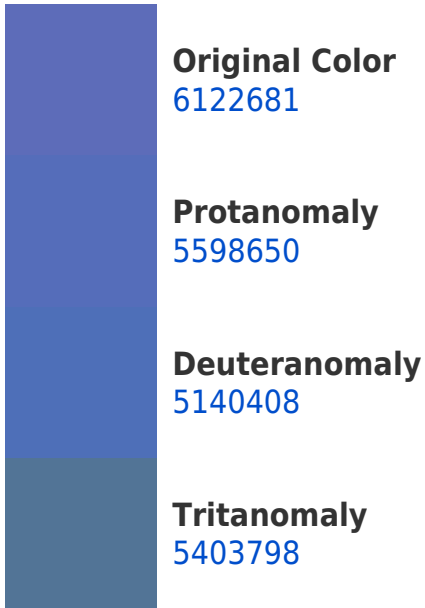
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6122681 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 #5D6CB9 looks like.

```
.text, #text, p{  
    color:#5D6CB9  
}
```

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 #5D6CB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6CB9
}
```

Border

The CSS property to change the border of an element to Decimal 6122681 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
#5D6CB9 }
```

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

```
.border{ border-color:#5D6CB9 }
```

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

Here you see how a box with a 4 pixel #5D6CB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6CB9; -webkit-box-shadow:4px 4px  
4px 4px #5D6CB9; box-shadow:4px 4px 4px  
4px #5D6CB9 }
```

Background

The CSS property to change the background color of an element to Decimal 6122681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6CB9 }
```

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

```
.background{ background-color:#5D6CB9 }
```

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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