

Converting Colors

Decimal(6176462)

Have a look what the booklet for
Decimal(6176462) contains.

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Color

Decimal(6176462)

Conversions

Conversions Part 1

Format	Color
Hex	5E3ECE
RGB	94, 62, 206
RGB Percent	37%, 24%, 81%
CMY	0.6314, 0.7569, 0.1922
CMYK	0.54, 0.70, 0.00, 0.19
HSL	253°, 60%, 53%
HSV	253°, 70%, 81%
XYZ	17.4793, 10.2812, 59.4557
YIQ	87.9840, -27.1520, 51.5680

Conversions

Conversions Part 2

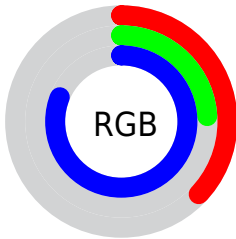
Format	Color
R _Y B	94, 62, 206
Decimal	6176462
CIE Lab	38.34, 50.10, -69.78
CIE LCh	38, 85.901, 305.679
Yxy	10.2812, 0.2004, 0.1179
Android (android.graphics.Color)	4284366542 (0xFF5E3ECE)
YUV	87.9840, 58.1819, 5.2760
Hunter-Lab	32.0643, 41.1939, -87.4946

Details

The Decimal color **6176462** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **11456062**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **10121471**, and **1182614** is the 20% darker color. If you saturate the color by 10%, you get **5122510**, and if you desaturate by 10%, it is **7230414**.

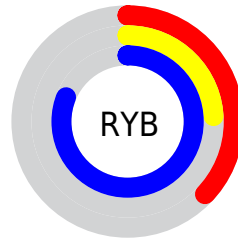
Distribution



Red (37%)

Green (24%)

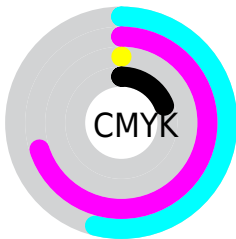
Blue (81%)



Red (37%)

Yellow (24%)

Blue (81%)

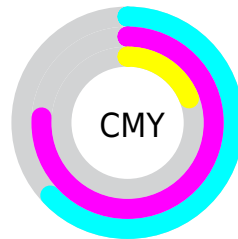


Cyan (54%)

Magenta (70%)

Yellow (0%)

Black (19%)



Cyan (63%)

Magenta (76%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6176462 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 6176462 by changing the saturation by 10% instead.

■ 6176462

■ 6176462

16777215

■ 4073138

■ 10121471

■ 1182614

■ 12094207

■ 124

■ 14001663

■ 98

■ 16040447

■ 2377

■ 16768511

■ 1073

■ 16775935

■ 283

■ 0

■ 6176462

■ 6176462

■ 5122510

■ 7230414

■ 4068814

■ 8284110

■ 3014862

■ 9338062

■ 10391758

■ 11445710

■ 12499662

■ 13553358

■ 14607310

■ 15661006

Harmonies

Analogous

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



25065



6176462



11731093

Triad

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



6176462



10108416



29798

Complementary

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



6176462



11456062

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.



28952



6176462



6511616

Square

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



6176462



12582921



27392



30123

Rectangle

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



6176462



13107304



27392



29518

Sweetspot

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



6176462



14010879



4108238



6774912



0



8421504

Same Dimension

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



6176462



5777919



10829518



6184038



2424998



589862

Inverse Universe

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



13516462



16722383



6803006



6708324



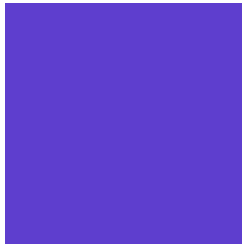
10879105



2490398

Previews

White Background



This preview shows how the Decimal color 6176462 looks on a white background.

Color Contrast Check

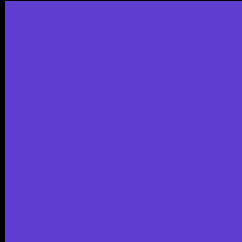
Large Text (above 18pt) WCAG AA ✓ Pass

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 6176462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

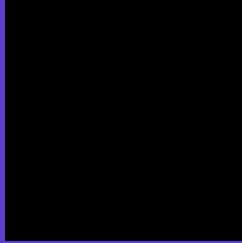
Any Text WCAG AA × Fail

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 6176462 Background



This preview shows how black text looks on a background with the Decimal color 6176462.



This preview shows how white text looks on a background with the Decimal color 6176462.

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
3891304

Trichromacy



Original Color

6176462



Protanomaly

2248383



Deuteranomaly

2249391



Tritanomaly

4740237

Monochromacy



Original Color

6176462



Achromatopsia

5789784



Achromatomaly

5918595

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6176462 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 #5E3ECE looks like.

```
.text, #text, p{  
  color:#5E3ECE  
}
```

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 #5E3ECE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3ECE
}
```

Border

The CSS property to change the border of an element to Decimal 6176462 is called "border". The border property can be set on classes, ids or directly on the HTML element.

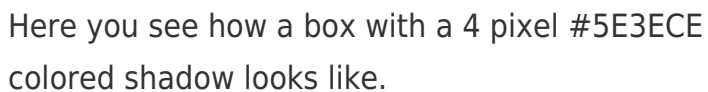
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E3ECE }
```

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

```
.border{ border-color:#5E3ECE }
```

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



Here you see how a box with a 4 pixel #5E3ECE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E3ECE; -webkit-box-shadow:4px 4px  
4px 4px #5E3ECE; box-shadow:4px 4px 4px  
4px #5E3ECE }
```

Background

The CSS property to change the background color of an element to Decimal 6176462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3ECE }
```

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

```
.background{ background-color:#5E3ECE }
```

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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