

Converting Colors

Decimal(6113246)

Have a look what the booklet for
Decimal(6113246) contains.

Decimal(6113246)	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(6113246)

Conversions

Conversions Part 1

Format	Color
Hex	5D47DE
RGB	93, 71, 222
RGB Percent	36%, 28%, 87%
CMY	0.6353, 0.7216, 0.1294
CMYK	0.58, 0.68, 0.00, 0.13
HSL	249°, 70%, 57%
HSV	249°, 68%, 87%
XYZ	19.9523, 12.1076, 70.3926
YIQ	94.7920, -35.3590, 51.6250

Conversions

Conversions Part 2

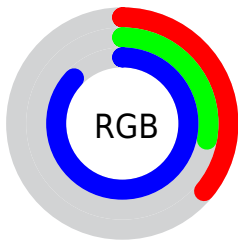
Format	Color
R_{YB}	93, 71, 222
Decimal	6113246
CIE _{Lab}	41.39, 49.80, -73.99
CIE _{LCh}	41, 89.193, 303.943
Yxy	12.1076, 0.1947, 0.1182
Android (android.graphics.Color)	4284303326 (0xFF5D47DE)
YUV	94.7920, 62.7135, -1.5716
Hunter-Lab	34.7959, 41.4605, -95.5874

Details

The Decimal color **6113246** 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 **13164103**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **10189311**, and **6054** is the 20% darker color. If you saturate the color by 10%, you get **4862430**, and if you desaturate by 10%, it is **7364062**.

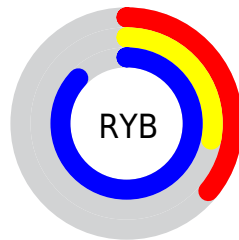
Distribution



Red (36%)

Green (28%)

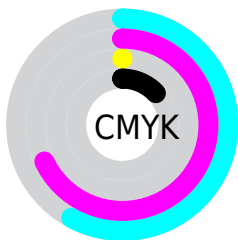
Blue (87%)



Red (36%)

Yellow (28%)

Blue (87%)

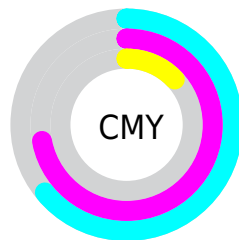


Cyan (58%)

Magenta (68%)

Yellow (0%)

Black (13%)



Cyan (64%)

Magenta (72%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6113246 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 6113246 by changing the saturation by 10% instead.

6113246

6113246

16777215

3878849

10189311

6054

12162303

138

14135295

112

16173823

598

16771071

1598

807

273

0

■ 6113246

■ 6113246

■ 4862430

■ 7364062

■ 3611614

■ 8614878

■ 2360542

■ 9865950

■ 2097374

■ 11116766

■ 12367582

■ 13618398

■ 14869214

■ 16120286

■ 16777182

Harmonies

Analogous

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



27384



6113246



12320932

Triad

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



6113246



11026944



32106

Complementary

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



6113246



13164103

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.



31254



6113246



7299840

Square

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



6113246



13565971



881408



32435

Rectangle

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



6113246



13959284



881408



31824

Sweetspot

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



6113246



13880575



4704990



6644096



0



8421504

Same Dimension

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



6113246



4992767



10962910



6776176



1704112



458800

Inverse Universe

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



14567368



16723681



8314439



7365999



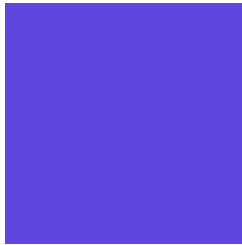
11534486



3145769

Previews

White Background



This preview shows how the Decimal color 6113246 looks on a white background.

Color Contrast Check

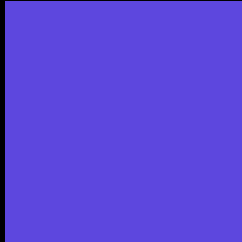
Large Text (above 18pt) WCAG AA ✓ Pass

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 6113246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

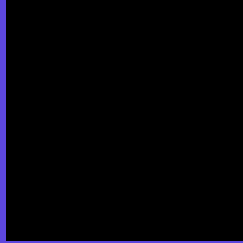
Any Text WCAG AA × Fail

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 6113246 Background



This preview shows how black text looks on a background with the Decimal color 6113246.



This preview shows how white text looks on a background with the Decimal color 6113246.

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](#).

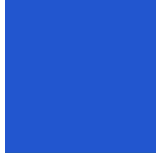
Dichromacy



Trichromacy



Original Color
6113246



Protanomaly
2250447



Deuteranomaly
2251197



Tritanomaly
4218265

Monochromacy



Original Color
6113246



Achromatopsia
6250335



Achromatomaly
6182541

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6113246 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 #5D47DE looks like.

```
.text, #text, p{  
  color:#5D47DE  
}
```

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 #5D47DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D47DE
}
```

Border

The CSS property to change the border of an element to Decimal 6113246 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
#5D47DE }
```

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

```
.border{ border-color:#5D47DE }
```

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

Here you see how a box with a 4 pixel #5D47DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D47DE; -webkit-box-shadow:4px 4px  
4px 4px #5D47DE; box-shadow:4px 4px 4px  
4px #5D47DE }
```

Background

The CSS property to change the background color of an element to Decimal 6113246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D47DE }
```

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

```
.background{ background-color:#5D47DE }
```

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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