

Converting Colors

Decimal(6117255)

Have a look what the booklet for
Decimal(6117255) contains.

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Color

Decimal(6117255)

Conversions

Conversions Part 1

Format	Color
Hex	5D5787
RGB	93, 87, 135
RGB Percent	36%, 34%, 53%
CMY	0.6353, 0.6588, 0.4706
CMYK	0.31, 0.36, 0.00, 0.47
HSL	248°, 22%, 44%
HSV	248°, 36%, 53%
XYZ	12.2956, 10.8928, 24.3761
YIQ	94.2660, -11.8320, 16.2000

Conversions

Conversions Part 2

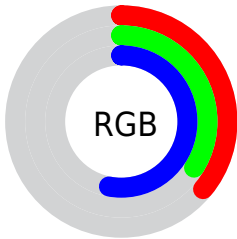
Format	Color
RYB	93, 87, 135
Decimal	6117255
CIELab	39.40, 14.09, -25.92
CIElCh	39, 29.504, 298.516
Yxy	10.8928, 0.2585, 0.2290
Android (android.graphics.Color)	4284307335 (0xFF5D5787)
YUV	94.2660, 20.0819, -1.1103
Hunter-Lab	33.0043, 8.7418, -20.6872

Details

The Decimal color **6117255** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8488791**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **9537980**, and **2959957** is the 20% darker color. If you saturate the color by 10%, you get **5327495**, and if you desaturate by 10%, it is **6907271**.

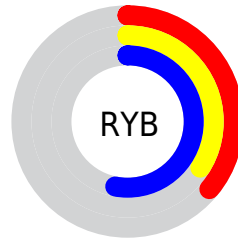
Distribution



Red (36%)

Green (34%)

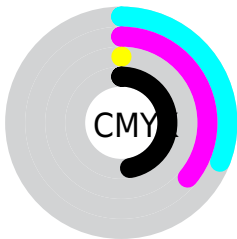
Blue (53%)



Red (36%)

Yellow (34%)

Blue (53%)

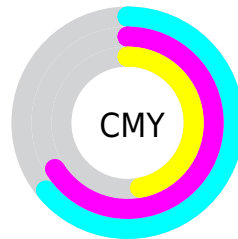


Cyan (31%)

Magenta (36%)

Yellow (0%)

Black (47%)



Cyan (64%)

Magenta (66%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6117255 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 6117255 by changing the saturation by 10% instead.

6117255

6117255

16777215

4472942

9537980

2959957

11248600

1381693

13090549

40

14932735

273

16774911

0

6117255

6117255

5327495

6907271

4537479

7697031

■ 3813255

■ 8421511

■ 3023239

■ 9211271

■ 2233223

■ 10001287

■ 1443463

■ 10791047

■ 1114247

■ 11581063

■ 12305287

■ 13095303

Harmonies

Analogous

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



3301517



6117255



8015478

Triad

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



6117255



8344116



158043

Complementary

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



6117255



8488791

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.



3630915



6117255



7166764

Square

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



6117255



9063239



5530161



26995

Rectangle

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



6117255



8735335



5530161



1861970

Sweetspot

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



6117255



10460592



5734791



5197401



14277081



5855577

Same Dimension

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



6117255



7234736



7690119



3947586



1048706



3

Inverse Universe

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



8869761



11560102



6915927



4340801



8519794



196610

Previews

White Background



This preview shows how the Decimal color 6117255 looks on a white background.

Color Contrast Check

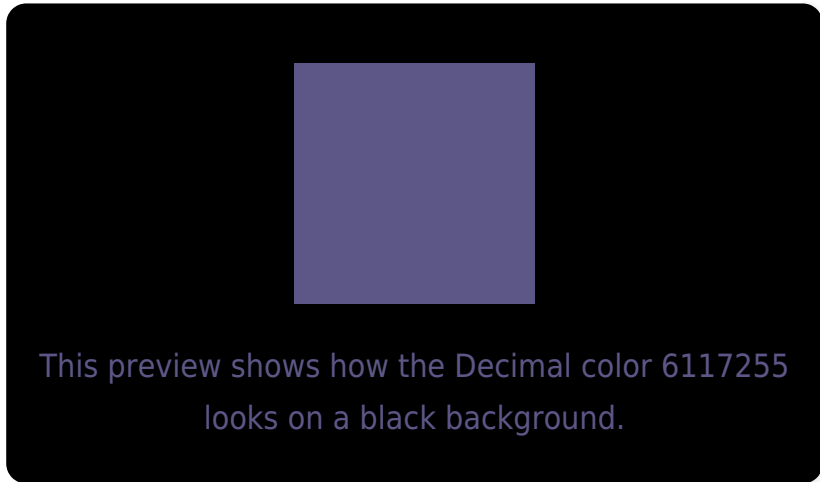
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 6117255 Background



This preview shows how black text looks on a background with the Decimal color 6117255.

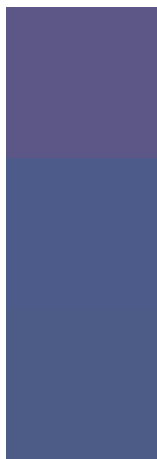


This preview shows how white text looks on a background with the Decimal color 6117255.

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](#).

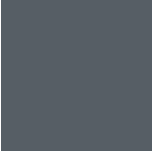
Dichromacy



Original Color
6117255

Protanopia
5069707

Deuteranopia
5069958



Tritanopia
5660261

Trichromacy



Original Color
6117255

Protanomaly
5462666

Deuteranomaly
5462662

Tritanomaly
5856113

Monochromacy



Original Color
6117255

Achromatopsia
6184542

Achromatomaly
6183789

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6117255 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 #5D5787 looks like.

```
.text, #text, p{  
    color:#5D5787  
}
```

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 #5D5787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5787
}
```

Border

The CSS property to change the border of an element to Decimal 6117255 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
#5D5787 }
```

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

```
.border{ border-color:#5D5787 }
```

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

Here you see how a box with a 4 pixel #5D5787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5787; -webkit-box-shadow:4px 4px  
4px 4px #5D5787; box-shadow:4px 4px 4px  
4px #5D5787 }
```

Background

The CSS property to change the background color of an element to Decimal 6117255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5787 }
```

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

```
.background{ background-color:#5D5787 }
```

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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