

Converting Colors

Decimal(6245757)

Have a look what the booklet for
Decimal(6245757) contains.

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Color

Decimal(6245757)

Conversions

Conversions Part 1

Format	Color
Hex	5F4D7D
RGB	95, 77, 125
RGB Percent	37%, 30%, 49%
CMY	0.6275, 0.6980, 0.5098
CMYK	0.24, 0.38, 0.00, 0.51
HSL	262°, 24%, 40%
HSV	262°, 38%, 49%
XYZ	11.0749, 9.2213, 20.5982
YIQ	87.8540, -4.6800, 18.7440

Conversions

Conversions Part 2

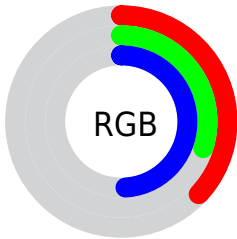
Format	Color
RYB	95, 77, 125
Decimal	6245757
CIELab	36.41, 18.32, -24.45
CIELCh	36, 30.557, 306.840
Yxy	9.2213, 0.2708, 0.2255
Android (android.graphics.Color)	4284435837 (0xFF5F4D7D)
YUV	87.8540, 18.3130, 6.2670
Hunter-Lab	30.3666, 11.9583, -18.9608

Details

The Decimal color **6245757** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7044429**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **9600690**, and **3088460** is the 20% darker color. If you saturate the color by 10%, you get **5718397**, and if you desaturate by 10%, it is **6773373**.

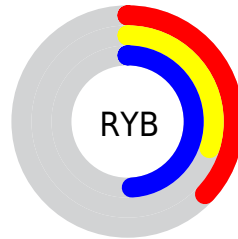
Distribution



Red (37%)

Green (30%)

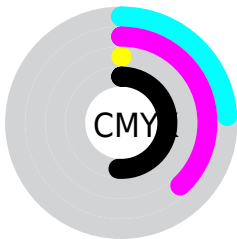
Blue (49%)



Red (37%)

Yellow (30%)

Blue (49%)

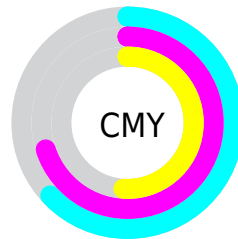


Cyan (24%)

Magenta (38%)

Yellow (0%)

Black (51%)



Cyan (63%)

Magenta (70%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6245757 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 6245757 by changing the saturation by 10% instead.

■ 6245757

■ 6245757

16777215

■ 4666980

■ 9600690

■ 3088460

■ 11376845

■ 1641525

■ 13218794

■ 31

■ 15060991

■ 2

■ 16772095

■ 0

■ 6245757

■ 6245757

■ 5718397

■ 6773373

■ 5190781

■ 7300733

■ 4728701

■ 7762813

■ 4201341

■ 8290173

■ 3673725

■ 8817789

■ 3146365

■ 9345149

■ 3080317

■ 9872765

■ 10400125

■ 10862205

Harmonies

Analogous

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



3561094



6245757



7881833

Triad

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



6245757



7621928



25179

Complementary

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



6245757



7044429

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.



2253121



6245757



6247971

Square

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



6245757



8471865



4545837



24946

Rectangle

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



6245757



8470873



4545837



25170

Sweetspot

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



6245757



9932963



5073789



4867666



13750737



5395026

Same Dimension

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



6245757



7624867



7818621



3946816



3145856



0

Inverse Universe

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



8211819



10705031



5471565



4208957



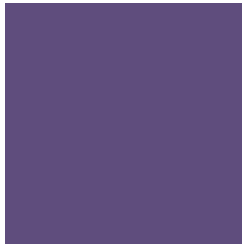
8388688



0

Previews

White Background



This preview shows how the Decimal color 6245757 looks on a white background.

Color Contrast Check

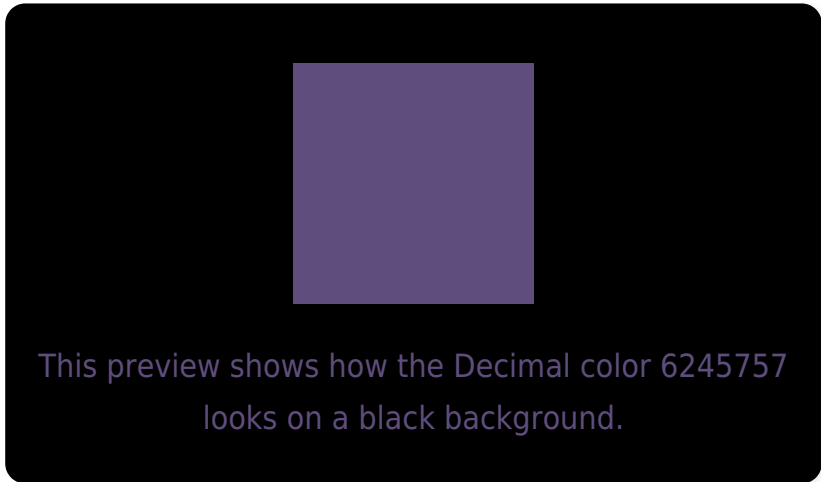
Large Text (above 18pt) WCAG AA ✓ Pass

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

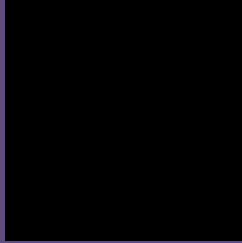
Any Text WCAG AA × Fail

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 6245757 Background



This preview shows how black text looks on a background with the Decimal color 6245757.

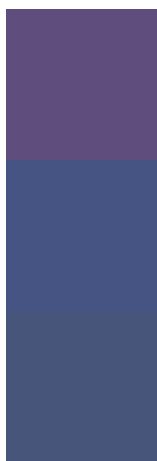


This preview shows how white text looks on a background with the Decimal color 6245757.

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


6245757

Protanopia

4543619

Deuteranopia

4674939



Tritanopia
5854299

Trichromacy



Original Color
6245757

Protanomaly
5132673

Deuteranomaly
5263996

Tritanomaly
5984615

Monochromacy



Original Color
6245757

Achromatopsia
5789784

Achromatomaly
5985381

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6245757 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 #5F4D7D looks like.

```
.text, #text, p{  
  color:#5F4D7D  
}
```

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 #5F4D7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4D7D
}
```

Border

The CSS property to change the border of an element to Decimal 6245757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

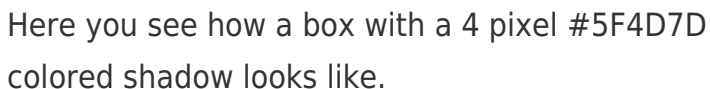
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F4D7D }
```

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

```
.border{ border-color:#5F4D7D }
```

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



Here you see how a box with a 4 pixel #5F4D7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4D7D; -webkit-box-shadow:4px 4px  
4px 4px #5F4D7D; box-shadow:4px 4px 4px  
4px #5F4D7D }
```

Background

The CSS property to change the background color of an element to Decimal 6245757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4D7D }
```

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

```
.background{ background-color:#5F4D7D }
```

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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