

Converting Colors

Decimal(6519237)

Have a look what the booklet for
Decimal(6519237) contains.

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Color

Decimal(6519237)

Conversions

Conversions Part 1

Format	Color
Hex	6379C5
RGB	99, 121, 197
RGB Percent	39%, 47%, 77%
CMY	0.6118, 0.5255, 0.2275
CMYK	0.50, 0.39, 0.00, 0.23
HSL	227°, 46%, 58%
HSV	227°, 50%, 77%
XYZ	22.0610, 20.3586, 55.5902
YIQ	123.0860, -37.5080, 18.9720

Conversions

Conversions Part 2

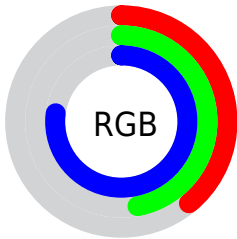
Format	Color
R _Y B	99, 117, 197
Decimal	6519237
CIE Lab	52.24, 13.14, -42.19
CIE LCh	52, 44.192, 287.297
Yxy	20.3586, 0.2251, 0.2077
Android (android.graphics.Color)	4284709317 (0xFF6379C5)
YUV	123.0860, 36.4396, -21.1234
Hunter-Lab	45.1205, 8.3140, -41.4632

Details

The Decimal color **6519237** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12955491**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **10202622**, and **2705807** is the 20% darker color. If you saturate the color by 10%, you get **5204677**, and if you desaturate by 10%, it is **7833797**.

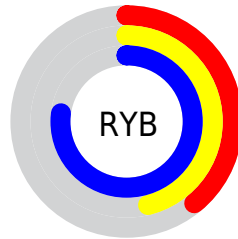
Distribution



Red (39%)

Green (47%)

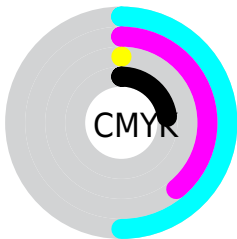
Blue (77%)



Red (39%)

Yellow (46%)

Blue (77%)

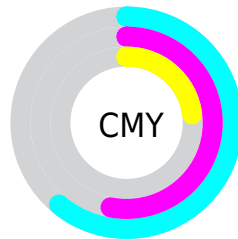


Cyan (50%)

Magenta (39%)

Yellow (0%)

Black (23%)



Cyan (61%)

Magenta (53%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6519237 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 6519237 by changing the saturation by 10% instead.



6519237



6519237

16777215



4677801



10202622



2705807



12044543



13173



13952255



7772



15859711



1348



813



279



0



6519237



6519237

■ 5204677

■ 7833797

■ 3955397

■ 9083077

■ 2640837

■ 10397637

■ 1326277

■ 11712197

■ 11717

■ 13026757

■ 11461

■ 14276037

■ 15590597

■ 16774085

■ 16777157

Harmonies

Analogous

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



34246



6519237



10185392

Triad

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



6519237



12150598



36459

Complementary

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



6519237



12955491

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.



5343815



6519237



10515760

Square

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



6519237



12803176



8225072



36754

Rectangle

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



6519237



11690395



8225072



2461022

Sweetspot

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



6519237



14279167



6538670



6909568



0



8421504

Same Dimension

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



6519237



6719743



8217541



5921891



9635



2084

Inverse Universe

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



12936057



16737928



11257187



6511196



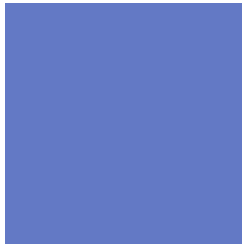
10682405



2359304

Previews

White Background



This preview shows how the Decimal color 6519237 looks on a white background.

Color Contrast Check

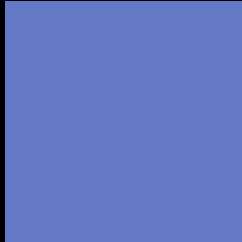
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 6519237 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6519237 Background



This preview shows how black text looks on a background with the Decimal color 6519237.

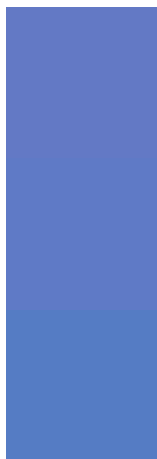


This preview shows how white text looks on a background with the Decimal color 6519237.

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

6519237

Protanopia

6257350

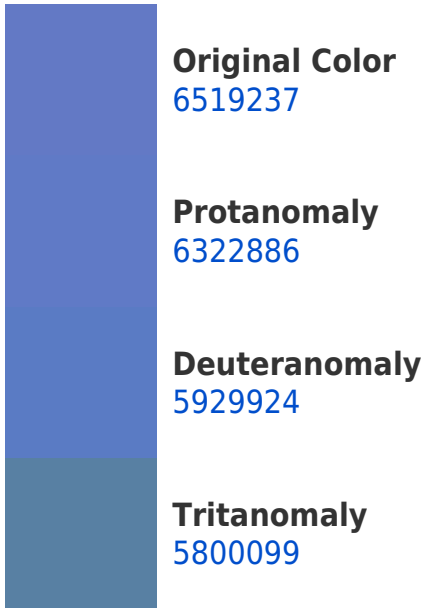
Deuteranopia

5602500



Tritanopia
5407887

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6519237 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 #6379C5 looks like.

```
.text, #text, p{  
    color:#6379C5  
}
```

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 #6379C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6379C5
}
```

Border

The CSS property to change the border of an element to Decimal 6519237 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
#6379C5 }
```

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

```
.border{ border-color:#6379C5 }
```

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

Here you see how a box with a 4 pixel #6379C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6379C5; -webkit-box-shadow:4px 4px  
4px 4px #6379C5; box-shadow:4px 4px 4px  
4px #6379C5 }
```

Background

The CSS property to change the background color of an element to Decimal 6519237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6379C5 }
```

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

```
.background{ background-color:#6379C5 }
```

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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