

Converting Colors

Decimal(6249649)

Have a look what the booklet for
Decimal(6249649) contains.

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Color

Decimal(6249649)

Conversions

Conversions Part 1

Format	Color
Hex	5F5CB1
RGB	95, 92, 177
RGB Percent	37%, 36%, 69%
CMY	0.6275, 0.6392, 0.3059
CMYK	0.46, 0.48, 0.00, 0.31
HSL	242°, 35%, 53%
HSV	242°, 48%, 69%
XYZ	16.4823, 13.2615, 43.2860
YIQ	102.5870, -25.4970, 27.0710

Conversions

Conversions Part 2

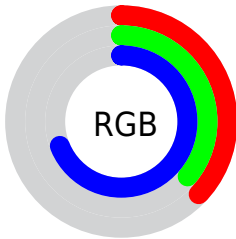
Format	Color
R _Y B	95, 92, 177
Decimal	6249649
CIE Lab	43.15, 23.85, -45.07
CIE LCh	43, 50.989, 297.884
Yxy	13.2615, 0.2257, 0.1816
Android (android.graphics.Color)	4284439729 (0xFF5F5CB1)
YUV	102.5870, 36.6856, -6.6538
Hunter-Lab	36.4164, 17.0616, -44.9831

Details

The Decimal color **6249649** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **11448668**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **9866985**, and **2567804** is the 20% darker color. If you saturate the color by 10%, you get **5130929**, and if you desaturate by 10%, it is **7368369**.

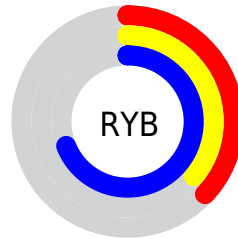
Distribution



Red (37%)

Green (36%)

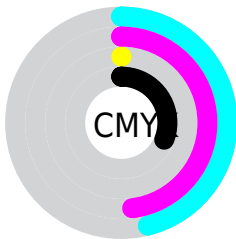
Blue (69%)



Red (37%)

Yellow (36%)

Blue (69%)

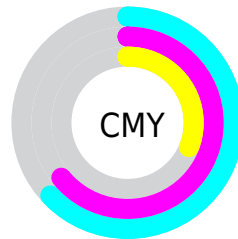


Cyan (46%)

Magenta (48%)

Yellow (0%)

Black (31%)



Cyan (63%)

Magenta (64%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6249649 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 6249649 by changing the saturation by 10% instead.

■ 6249649

■ 6249649

16777215

■ 4474006

■ 9866985

■ 2567804

■ 11708927

■ 6754

■ 13550847

■ 330

■ 15458559

■ 1074

■ 16776703

■ 540

■ 0

■ 6249649

■ 6249649

■ 5130929

■ 7368369

■ 4012465

■ 8486833

■ 2893745

■ 9605553

■ 1775025

■ 10724273

■ 656305

■ 11842993

■ 393393

■ 12961457

■ 14145713

■ 15264433

■ 16382897

Harmonies

Analogous

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



27835



6249649



9848979

Triad

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



6249649



10310172



31074

Complementary

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



6249649



11448668

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.



423478



6249649



8217344

Square

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



6249649



11485505



5533455



31116

Rectangle

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



6249649



11091577



5533455



30803

Sweetspot

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



6249649



13092326



6074033



6315891



15921906



7566195

Same Dimension

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



6249649



6643942



9002161



5328985



327833



65562

Inverse Universe

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



11623598



15098081



8696156



5853273



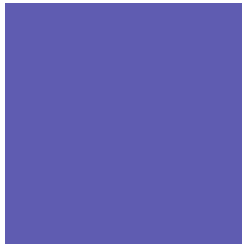
10027156



1703961

Previews

White Background



This preview shows how the Decimal color 6249649 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 6249649 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 6249649 Background



This preview shows how black text looks on a background with the Decimal color 6249649.

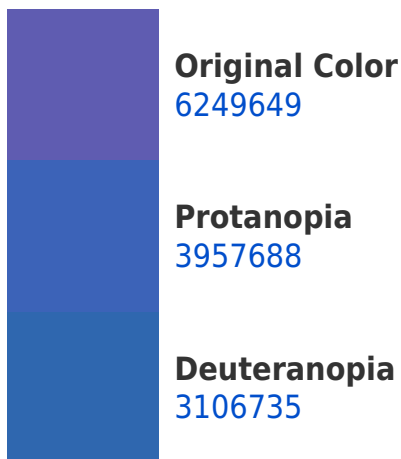



This preview shows how white text looks on a background with the Decimal color 6249649.

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
5139315

Trichromacy



Original Color
6249649

Protanomaly
4808885

Deuteranomaly
4219824

Tritanomaly
5531274

Monochromacy



Original Color
6249649

Achromatopsia
6776679

Achromatomaly
6579074

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6249649 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 #5F5CB1 looks like.

```
.text, #text, p{  
  color:#5F5CB1  
}
```

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 #5F5CB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5CB1
}
```

Border

The CSS property to change the border of an element to Decimal 6249649 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
#5F5CB1 }
```

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

```
.border{ border-color:#5F5CB1 }
```

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

Here you see how a box with a 4 pixel #5F5CB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5CB1; -webkit-box-shadow:4px 4px  
4px 4px #5F5CB1; box-shadow:4px 4px 4px  
4px #5F5CB1 }
```

Background

The CSS property to change the background color of an element to Decimal 6249649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5CB1 }
```

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

```
.background{ background-color:#5F5CB1 }
```

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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