

Converting Colors

Decimal(6586037)

Have a look what the booklet for
Decimal(6586037) contains.

Decimal(6586037)	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(6586037)

Conversions

Conversions Part 1

Format	Color
Hex	647EB5
RGB	100, 126, 181
RGB Percent	39%, 49%, 71%
CMY	0.6078, 0.5059, 0.2902
CMYK	0.45, 0.30, 0.00, 0.29
HSL	221°, 35%, 55%
HSV	221°, 45%, 71%
XYZ	21.0569, 20.9672, 46.6533
YIQ	124.4960, -33.1510, 11.5930

Conversions

Conversions Part 2

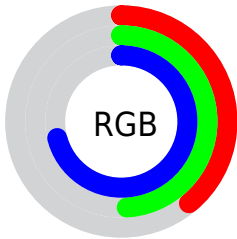
Format	Color
R_{YB}	100, 120, 181
Decimal	6586037
CIE _{Lab}	52.91, 5.50, -31.96
CIE _{LCh}	53, 32.431, 279.768
Yxy	20.9672, 0.2375, 0.2364
Android (android.graphics.Color)	4284776117 (0xFF647EB5)
YUV	124.4960, 27.8565, -21.4830
Hunter-Lab	45.7900, 1.9521, -28.3549

Details

The Decimal color **6586037** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11901796**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **10138349**, and **3034496** is the 20% darker color. If you saturate the color by 10%, you get **5403317**, and if you desaturate by 10%, it is **7768757**.

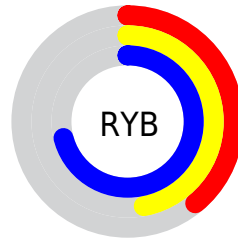
Distribution



Red (39%)

Green (49%)

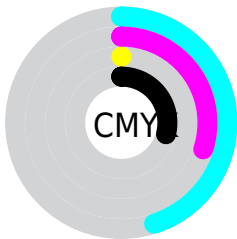
Blue (71%)



Red (39%)

Yellow (47%)

Blue (71%)

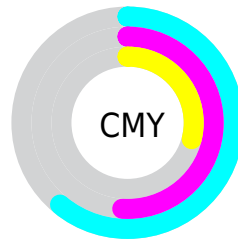


Cyan (45%)

Magenta (30%)

Yellow (0%)

Black (29%)



Cyan (61%)

Magenta (51%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6586037 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 6586037 by changing the saturation by 10% instead.

■ 6586037

■ 6586037

16777215

■ 4810138

■ 10138349

■ 3034496

■ 11980543

■ 866151

■ 13822719

■ 8782

■ 15728639

■ 2871

■ 545

■ 6

■ 0

■ 6586037

■ 6586037

■ 5403317

■ 7768757

■ 4220341

■ 8951733

■ 3037621

■ 10134453

■ 1854901

■ 11317173

■ 606645

■ 12565429

■ 15029

■ 13748405

■ 14931125

■ 16113845

■ 16772533

Harmonies

Analogous

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



3049138



6586037



9270441

Triad

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



6586037



11562332



4557930

Complementary

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



6586037



11901796

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.



6915922



6586037



10516042

Square

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



6586037



11823222



8880198



1215879

Rectangle

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



6586037



10579355



8880198



5409377

Sweetspot

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



6586037



13424363



6600090



6515061



16119285



7697781

Same Dimension

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



6586037



7116267



7431349



5264217



12697



2074

Inverse Universe

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



11887742



15428757



11056484



5853267



10027057



1703944

Previews

White Background



This preview shows how the Decimal color 6586037 looks on a white background.

Color Contrast Check

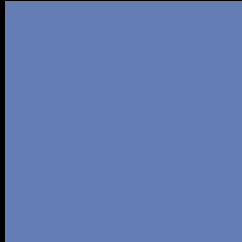
Large Text (above 18pt) WCAG AA ✓ Pass

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 6586037 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

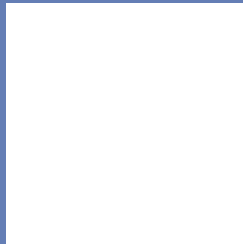
Any Text WCAG AAA × Fail

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

Decimal 6586037 Background



This preview shows how black text looks on a background with the Decimal color 6586037.

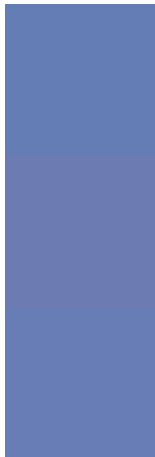


This preview shows how white text looks on a background with the Decimal color 6586037.

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
6586037

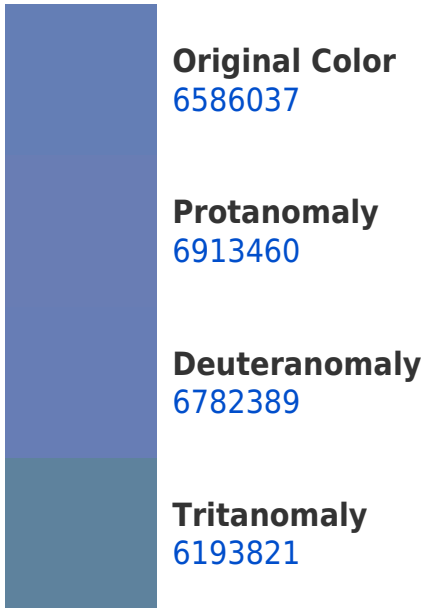
Protanopia
7109811

Deuteranopia
6847925



Tritanopia
5932432

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6586037 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 #647EB5 looks like.

```
.text, #text, p{  
    color:#647EB5  
}
```

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 #647EB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647EB5
}
```

Border

The CSS property to change the border of an element to Decimal 6586037 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
#647EB5 }
```

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

```
.border{ border-color:#647EB5 }
```

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

Here you see how a box with a 4 pixel #647EB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647EB5; -webkit-box-shadow:4px 4px  
4px 4px #647EB5; box-shadow:4px 4px 4px  
4px #647EB5 }
```

Background

The CSS property to change the background color of an element to Decimal 6586037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647EB5 }
```

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

```
.background{ background-color:#647EB5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor