

Converting Colors

Decimal(6587100)

Have a look what the booklet for
Decimal(6587100) contains.

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Color

Decimal(6587100)

Conversions

Conversions Part 1

Format	Color
Hex	6482DC
RGB	100, 130, 220
RGB Percent	39%, 51%, 86%
CMY	0.6078, 0.4902, 0.1373
CMYK	0.55, 0.41, 0.00, 0.14
HSL	225°, 63%, 63%
HSV	225°, 55%, 86%
XYZ	26.1564, 23.8419, 70.9335
YIQ	131.2900, -46.7700, 21.6300

Conversions

Conversions Part 2

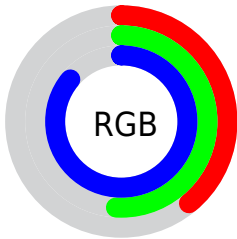
Format	Color
RYB	100, 124, 220
Decimal	6587100
CIELab	55.93, 15.19, -49.36
CIELCh	56, 51.645, 287.099
Yxy	23.8419, 0.2163, 0.1972
Android (android.graphics.Color)	4284777180 (0xFF6482DC)
YUV	131.2900, 43.7340, -27.4413
Hunter-Lab	48.8282, 10.1702, -51.9519

Details

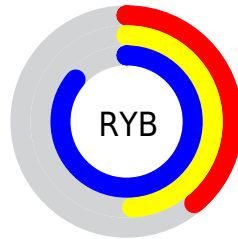
The Decimal color **6587100** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **14466660**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **10401791**, and **2314660** is the 20% darker color. If you saturate the color by 10%, you get **5140956**, and if you desaturate by 10%, it is **8033244**.

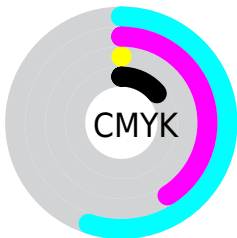
Distribution



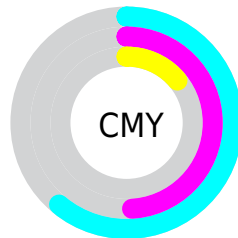
- Red (39%)
- Green (51%)
- Blue (86%)



- Red (39%)
- Yellow (49%)
- Blue (86%)



- Cyan (55%)
- Magenta (41%)
- Yellow (0%)
- Black (14%)

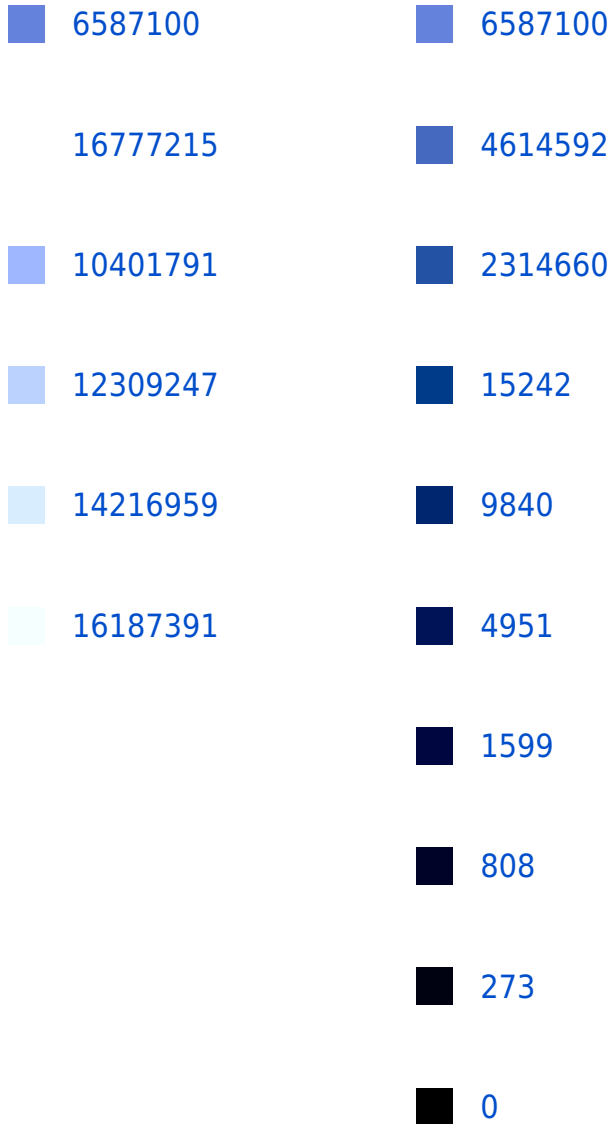


- Cyan (61%)
- Magenta (49%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6587100 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 6587100 by changing the saturation by 10% instead.



■ 6587100

■ 6587100

■ 5140956

■ 8033244

■ 3695068

■ 9479132

■ 2249180

■ 10925276

■ 803036

■ 12371164

■ 14300

■ 13817052

■ 15263196

■ 16709084

■ 16777180

Harmonies

Analogous

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



37341



6587100



11104196

Triad

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



6587100



13396806



39792

Complementary

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



6587100



14466660

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.



5346630



6587100



11435306

Square

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



6587100



14179950



8817705



40095

Rectangle

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



6587100



12936362



8817705



629089

Sweetspot

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



6587100



14082303



6610110



6778240



0



8421504

Same Dimension

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



6587100



5866495



8545500



6514030



11181



2862

Inverse Universe

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



14443650



16734595



12508260



7234405



11337771



3014667

Previews

White Background



This preview shows how the Decimal color 6587100 looks on a white background.

Color Contrast Check

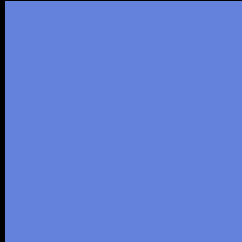
Large Text (above 18pt) WCAG AA ✓ Pass

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 6587100 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 6587100 Background



This preview shows how black text looks on a background with the Decimal color 6587100.



This preview shows how white text looks on a background with the Decimal color 6587100.

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
6587100

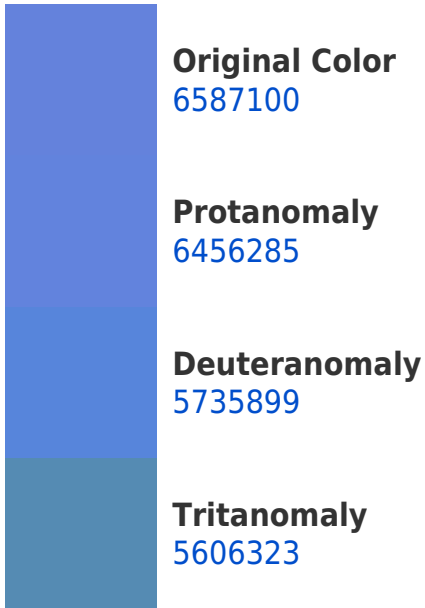
Protanopia
6390749

Deuteranopia
5277403



Tritanopia
5083291

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6587100 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 #6482DC looks like.

```
.text, #text, p{  
    color:#6482DC  
}
```

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 #6482DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6482DC  
}
```

Border

The CSS property to change the border of an element to Decimal 6587100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

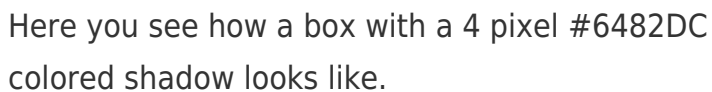
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6482DC }
```

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

```
.border{ border-color:#6482DC }
```

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



Here you see how a box with a 4 pixel #6482DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6482DC; -webkit-box-shadow:4px 4px  
4px 4px #6482DC; box-shadow:4px 4px 4px  
4px #6482DC }
```

Background

The CSS property to change the background color of an element to Decimal 6587100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6482DC }
```

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

```
.background{ background-color:#6482DC }
```

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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