

Converting Colors

Decimal(5867222)

Have a look what the booklet for
Decimal(5867222) contains.

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Color

Decimal(5867222)

Conversions

Conversions Part 1

Format	Color
Hex	5986D6
RGB	89, 134, 214
RGB Percent	35%, 53%, 84%
CMY	0.6510, 0.4745, 0.1608
CMYK	0.58, 0.37, 0.00, 0.16
HSL	218°, 60%, 59%
HSV	218°, 58%, 84%
XYZ	24.7825, 24.0291, 66.9502
YIQ	129.6650, -52.5000, 15.3400

Conversions

Conversions Part 2

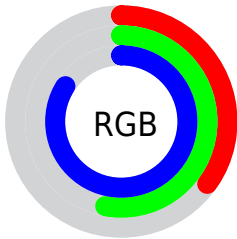
Format	Color
R_{YB}	89, 122, 214
Decimal	5867222
CIE Lab	56.12, 8.58, -45.73
CIE LCh	56, 46.528, 280.625
Yxy	24.0291, 0.2141, 0.2076
Android (android.graphics.Color)	4284057302 (0xFF5986D6)
YUV	129.6650, 41.5772, -35.6632
Hunter-Lab	49.0195, 4.4593, -46.6640

Details

The Decimal color **5867222** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **14068057**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **9747455**, and **873887** is the 20% darker color. If you saturate the color by 10%, you get **4487382**, and if you desaturate by 10%, it is **7247062**.

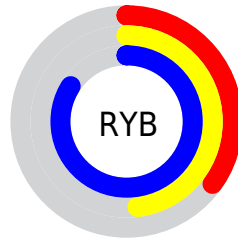
Distribution



Red (35%)

Green (53%)

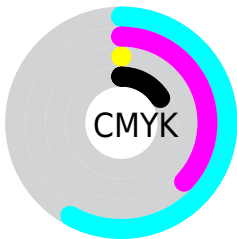
Blue (84%)



Red (35%)

Yellow (48%)

Blue (84%)

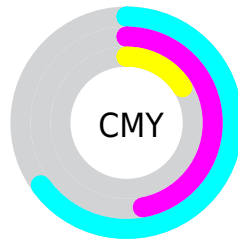


Cyan (58%)

Magenta (37%)

Yellow (0%)

Black (16%)



Cyan (65%)

Magenta (47%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5867222 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 5867222 by changing the saturation by 10% instead.

■ 5867222

■ 5867222

16777215

■ 3829178

■ 9747455

■ 873887

■ 11654911

■ 16004

■ 13562879

■ 10603

■ 15532031

■ 5714

■ 1594

■ 548

■ 11

■ 0

■ 5867222

■ 5867222

■ 4487382

■ 7247062

■ 3042262

■ 8692182

■ 1662422

■ 10072022

■ 217046

■ 11517398

■ 19926

■ 12896982

■ 14276822

■ 15722198

■ 16774358

■ 16777174

Harmonies

Analogous

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



37586



5867222



10254020

Triad

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



5867222



13331540



1874282

Complementary

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



5867222



14068057

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.



6591302



5867222



11762489

Square

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



5867222



13788026



9472307



39828

Rectangle

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



5867222



12151983



9472307



4036445

Sweetspot

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



5867222



13755135



5887656



6516352



0



8421504

Same Dimension

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



5867222



5082623



6969814



6317163



16043



4139

Inverse Universe

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



14047622



16731533



12965465



7037028



11206718



2818064

Previews

White Background



This preview shows how the Decimal color 5867222 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 5867222 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 5867222 Background



This preview shows how black text looks on a background with the Decimal color 5867222.



This preview shows how white text looks on a background with the Decimal color 5867222.

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
4297373

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5867222 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 #5986D6 looks like.

```
.text, #text, p{  
    color:#5986D6  
}
```

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 #5986D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5986D6  
}
```

Border

The CSS property to change the border of an element to Decimal 5867222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

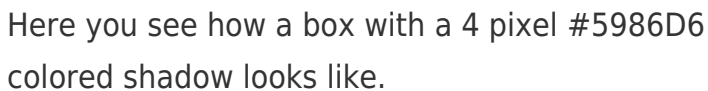
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5986D6 }
```

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

```
.border{ border-color:#5986D6 }
```

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



Here you see how a box with a 4 pixel #5986D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5986D6; -webkit-box-shadow:4px 4px  
4px 4px #5986D6; box-shadow:4px 4px 4px  
4px #5986D6 }
```

Background

The CSS property to change the background color of an element to Decimal 5867222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5986D6 }
```

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

```
.background{ background-color:#5986D6 }
```

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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