

Converting Colors

Decimal(6127556)

Have a look what the booklet for
Decimal(6127556) contains.

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Color

Decimal(6127556)

Conversions

Conversions Part 1

Format	Color
Hex	5D7FC4
RGB	93, 127, 196
RGB Percent	36%, 50%, 77%
CMY	0.6353, 0.5020, 0.2314
CMYK	0.53, 0.35, 0.00, 0.23
HSL	220°, 47%, 57%
HSV	220°, 53%, 77%
XYZ	22.0674, 21.4914, 55.2097
YIQ	124.7000, -42.4130, 14.2510

Conversions

Conversions Part 2

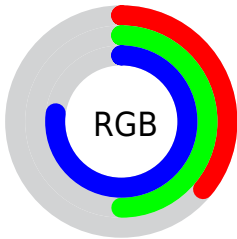
Format	Color
R _Y B	93, 119, 196
Decimal	6127556
CIE Lab	53.48, 7.81, -39.68
CIE LCh	53, 40.446, 281.136
Yxy	21.4914, 0.2234, 0.2176
Android (android.graphics.Color)	4284317636 (0xFF5D7FC4)
YUV	124.7000, 35.1509, -27.8009
Hunter-Lab	46.3588, 3.8402, -38.1585

Details

The Decimal color **6127556** is a dark color, and the websafe version is hex **666699**. The color can be described as middle muted azure. A complement of this color would be **12886621**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **9810941**, and **2117262** is the 20% darker color. If you saturate the color by 10%, you get **4813508**, and if you desaturate by 10%, it is **7441604**.

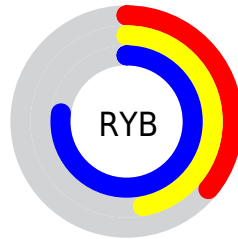
Distribution



Red (36%)

Green (50%)

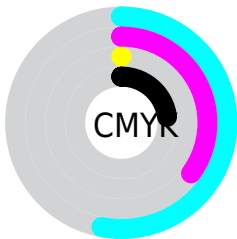
Blue (77%)



Red (36%)

Yellow (47%)

Blue (77%)

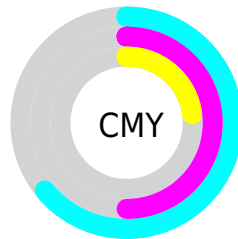


Cyan (53%)

Magenta (35%)

Yellow (0%)

Black (23%)



Cyan (64%)

Magenta (50%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6127556 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 6127556 by changing the saturation by 10% instead.

■ 6127556

■ 6127556

16777215

■ 4220585

■ 9810941

■ 2117262

■ 11653119

■ 14452

■ 13560831

■ 9051

■ 15532031

■ 3395

■ 812

■ 278

■ 0

■ 6127556

■ 6127556

■ 4813508

■ 7441604

■ 3564996

■ 8690116

■ 2250948

■ 10004164

■ 1002180

■ 11252932

■ 16836

■ 12566980

■ 13881028

■ 15129540

■ 16443588

■ 16774596

Harmonies

Analogous

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



35521



6127556



9663156

Triad

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



6127556



12282452



2986088

Complementary

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



6127556



12886621

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.



6458185



6127556



10974781

Square

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



6127556



12673908



8946233



37516

Rectangle

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



6127556



11299234



8946233



4362077

Sweetspot

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



6127556



14083327



6145186



6778752



0



8421504

Same Dimension

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



6127556



6198271



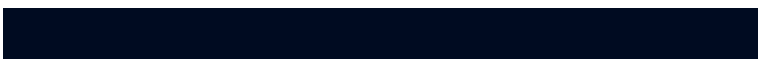
7232964



5724769



13729



2849

Inverse Universe

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



12868991



16735891



11781213



6379354



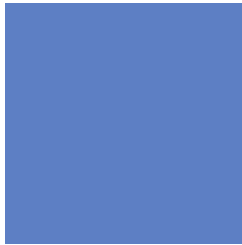
10551349



2162699

Previews

White Background



This preview shows how the Decimal color 6127556 looks on a white background.

Color Contrast Check

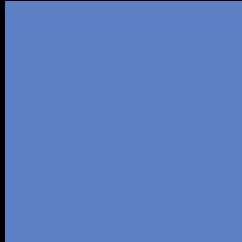
Large Text (above 18pt) WCAG AA ✓ Pass

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 6127556 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

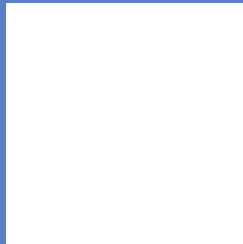
Any Text WCAG AAA × Fail

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

Decimal 6127556 Background



This preview shows how black text looks on a background with the Decimal color 6127556.

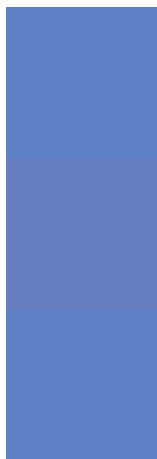


This preview shows how white text looks on a background with the Decimal color 6127556.

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
6127556

Protanopia
6782402

Deuteranopia
6127556



Tritanopia
5015956

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6127556 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 #5D7FC4 looks like.

```
.text, #text, p{  
    color:#5D7FC4  
}
```

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 #5D7FC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7FC4
}
```

Border

The CSS property to change the border of an element to Decimal 6127556 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
#5D7FC4 }
```

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

```
.border{ border-color:#5D7FC4 }
```

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

Here you see how a box with a 4 pixel #5D7FC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7FC4; -webkit-box-shadow:4px 4px  
4px 4px #5D7FC4; box-shadow:4px 4px 4px  
4px #5D7FC4 }
```

Background

The CSS property to change the background color of an element to Decimal 6127556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7FC4 }
```

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

```
.background{ background-color:#5D7FC4 }
```

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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