

# Converting Colors

Decimal(5406406)

Have a look what the booklet for  
Decimal(5406406) contains.

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# Color

**Decimal(5406406)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	527EC6
RGB	82, 126, 198
RGB Percent	32%, 49%, 78%
CMY	0.6784, 0.5059, 0.2235
CMYK	0.59, 0.36, 0.00, 0.22
HSL	217°, 50%, 55%
HSV	217°, 59%, 78%
XYZ	21.1336, 20.7928, 56.3256
YIQ	121.0520, -49.3360, 13.0640

# Conversions

## Conversions Part 2

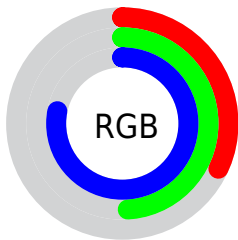
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	82, 114, 198
Decimal	5406406
CIE Lab	52.72, 6.70, -42.06
CIE LCh	53, 42.594, 279.044
Yxy	20.7928, 0.2151, 0.2116
Android (android.graphics.Color)	4283596486 (0xFF527EC6)
YUV	121.0520, 37.9354, -34.2486
Hunter-Lab	45.5991, 2.9301, -41.3178

# Details

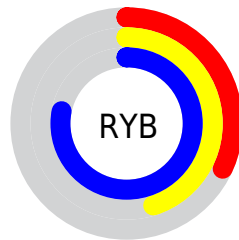
The Decimal color **5406406** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **13015634**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **9220863**, and **216720** is the 20% darker color. If you saturate the color by 10%, you get **4092614**, and if you desaturate by 10%, it is **6720198**.

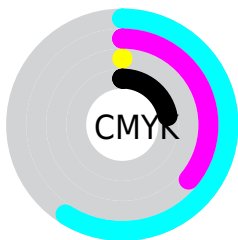
# Distribution



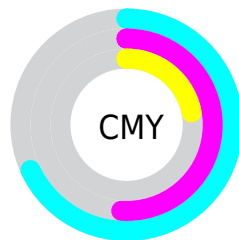
- Red (32%)
- Green (49%)
- Blue (78%)



- Red (32%)
- Yellow (45%)
- Blue (78%)



- Cyan (59%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)



- Cyan (68%)
- Magenta (51%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5406406 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 5406406 by changing the saturation by 10% instead.



■ 5406406

■ 5406406

16777215

■ 3368362

■ 9220863

■ 216720

■ 11063039

■ 14198

■ 12970751

■ 9053

■ 14942207

■ 3141

■ 814

■ 280

■ 0

■ 5406406

■ 5406406

■ 4092614

■ 6720198

■ 2778566

■ 8034246

■ 1530310

■ 9282502

■ 216518

■ 10596294

■ 19398

■ 11910086

■ 13224134

■ 14537926

■ 15786182

■ 16772550

# Harmonies

## Analogous

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



35266



5406406



9400503

# Triad

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



5406406



12412242



2657890

# Complementary

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



5406406



13015634

# 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.



6392131



5406406



11039545

# Square

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



5406406



12738164



8945458



37000

# Rectangle

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



5406406



11167652



8945458



4230487



# Sweetspot

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



5406406



13755391



5424794



6516352



0



8421504



# Same Dimension

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



5406406



5083391



6312646



5922147



16035



3620



# Inverse Universe

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



12997246



16731536



12109394



6511197



10682430

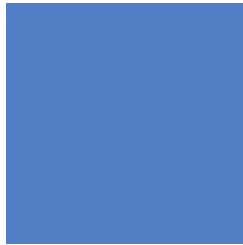


2359310



# Previews

## White Background



This preview shows how the Decimal color 5406406 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 5406406 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

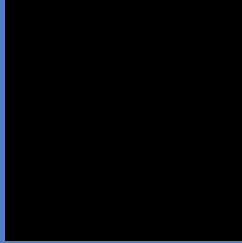
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5406406 Background



This preview shows how black text looks on a background with the Decimal color 5406406.

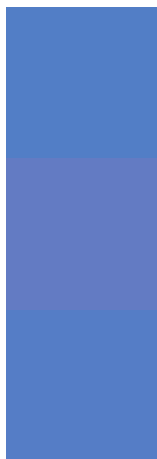


This preview shows how white text looks on a background with the Decimal color 5406406.

# 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**

5406406

**Protanopia**

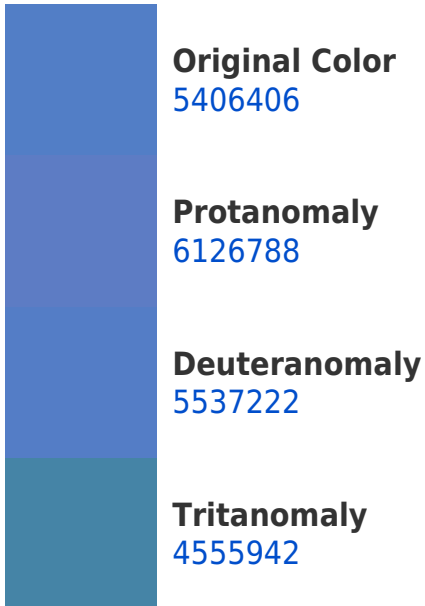
6519747

**Deuteranopia**

5602758



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5406406 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 #527EC6 looks like.

```
.text, #text, p{  
    color:#527EC6  
}
```

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 #527EC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527EC6
}
```

## Border

The CSS property to change the border of an element to Decimal 5406406 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
#527EC6 }
```

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

```
.border{ border-color:#527EC6 }
```

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

Here you see how a box with a 4 pixel #527EC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527EC6; -webkit-box-shadow:4px 4px  
4px 4px #527EC6; box-shadow:4px 4px 4px  
4px #527EC6 }
```

# Background

The CSS property to change the background color of an element to Decimal 5406406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527EC6 }
```

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

```
.background{ background-color:#527EC6 }
```

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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