

# Converting Colors

Decimal(5269986)

Have a look what the booklet for  
Decimal(5269986) contains.

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# Color

**Decimal(5269986)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5069E2
RGB	80, 105, 226
RGB Percent	31%, 41%, 89%
CMY	0.6863, 0.5882, 0.1137
CMYK	0.65, 0.54, 0.00, 0.11
HSL	230°, 72%, 60%
HSV	230°, 65%, 89%
XYZ	22.0873, 17.2996, 74.1265
YIQ	111.3190, -53.7410, 32.3310

# Conversions

## Conversions Part 2

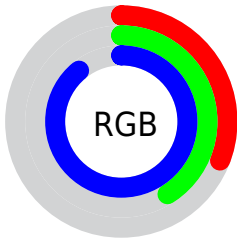
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	80, 101, 226
Decimal	5269986
CIE Lab	48.64, 28.80, -64.50
CIE LCh	49, 70.639, 294.061
Yxy	17.2996, 0.1946, 0.1524
Android (android.graphics.Color)	4283460066 (0xFF5069E2)
YUV	111.3190, 56.5377, -27.4668
Hunter-Lab	41.5928, 22.0027, -76.5515

# Details

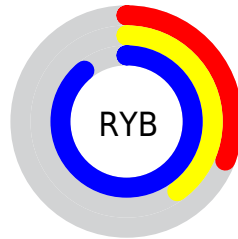
The Decimal color **5269986** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **14862672**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **9411839**, and **15274** is the 20% darker color. If you saturate the color by 10%, you get **3757794**, and if you desaturate by 10%, it is **6782178**.

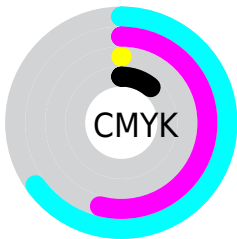
# Distribution



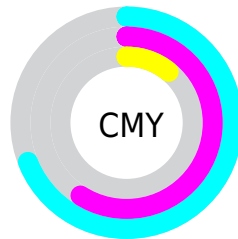
- Red (31%)
- Green (41%)
- Blue (89%)



- Red (31%)
- Yellow (40%)
- Blue (89%)



- Cyan (65%)
- Magenta (54%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (59%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5269986 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 5269986 by changing the saturation by 10% instead.



■ 5269986

■ 5269986

16777215

■ 2773445

■ 9411839

■ 15274

■ 11384831

■ 9871

■ 13357823

■ 5236

■ 15331071

■ 91

■ 1858

■ 811

■ 277

■ 0

■ 5269986

■ 5269986

■ 3757794

■ 6782178

■ 2311394

■ 8228578

■ 799202

■ 9740770

■ 10210

■ 11187426

■ 12699618

■ 14211554

■ 15658210

■ 16777186

# Harmonies

## Analogous

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



32748



5269986



11422139

# Triad

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



5269986



12669445



35941

# Complementary

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



5269986



14862672

# 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.



34853



5269986



9858304

# Square

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



5269986



14233927



6192640



36259

# Rectangle

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



5269986



13447574



6192640



35664



# Sweetspot

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



5269986



13621247



5300935



6449024



0



8421504



# Same Dimension

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



5269986



3693311



8278242



6645616



7856



2096



# Inverse Universe

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



14831721



16726106



11854416



7365991



11534366

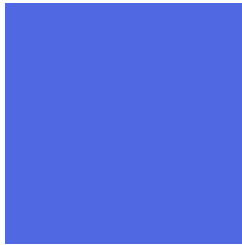


3145736



# Previews

## White Background



This preview shows how the Decimal color 5269986 looks on a white background.

## Color Contrast Check

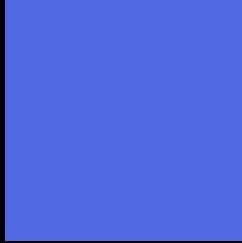
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 5269986 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

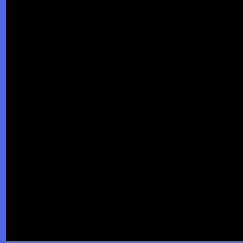
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5269986 Background



This preview shows how black text looks on a background with the Decimal color 5269986.




This preview shows how white text looks on a background with the Decimal color 5269986.

# 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**  
1343370

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5269986 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 #5069E2 looks like.

```
.text, #text, p{  
    color:#5069E2  
}
```

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 #5069E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5069E2
}
```

## Border

The CSS property to change the border of an element to Decimal 5269986 is called "border". The border property can be set on classes, ids or directly on the HTML element.

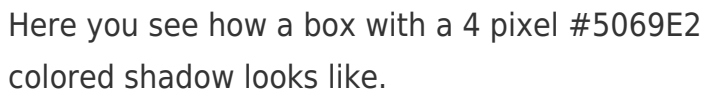
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5069E2 }
```

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

```
.border{ border-color:#5069E2 }
```

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



Here you see how a box with a 4 pixel #5069E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5069E2; -webkit-box-shadow:4px 4px  
4px 4px #5069E2; box-shadow:4px 4px 4px  
4px #5069E2 }
```

# Background

The CSS property to change the background color of an element to Decimal 5269986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5069E2 }
```

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

```
.background{ background-color:#5069E2 }
```

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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