

Converting Colors

Decimal(5069255)

Have a look what the booklet for
Decimal(5069255) contains.

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Color

Decimal(5069255)

Conversions

Conversions Part 1

Format	Color
Hex	4D59C7
RGB	77, 89, 199
RGB Percent	30%, 35%, 78%
CMY	0.6980, 0.6510, 0.2196
CMYK	0.61, 0.55, 0.00, 0.22
HSL	234°, 52%, 54%
HSV	234°, 61%, 78%
XYZ	16.9417, 12.8461, 55.6194
YIQ	97.9520, -42.4620, 31.6660

Conversions

Conversions Part 2

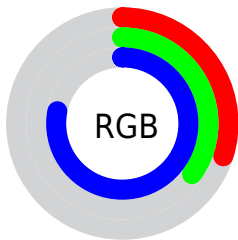
Format	Color
R_{YB}	77, 88, 199
Decimal	5069255
CIE _{Lab}	42.53, 29.10, -58.96
CIE _{LCh}	43, 65.754, 296.272
Yxy	12.8461, 0.1984, 0.1504
Android (android.graphics.Color)	4283259335 (0xFF4D59C7)
YUV	97.9520, 49.8167, -18.3749
Hunter-Lab	35.8414, 21.6521, -66.9185

Details

The Decimal color **5069255** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **13089613**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **9014271**, and **11408** is the 20% darker color. If you saturate the color by 10%, you get **3753927**, and if you desaturate by 10%, it is **6384583**.

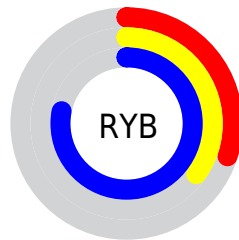
Distribution



Red (30%)

Green (35%)

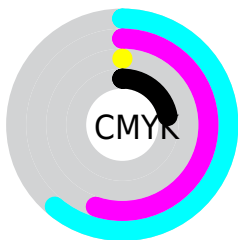
Blue (78%)



Red (30%)

Yellow (35%)

Blue (78%)

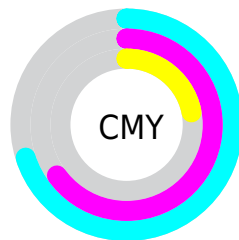


Cyan (61%)

Magenta (55%)

Yellow (0%)

Black (22%)



Cyan (70%)

Magenta (65%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5069255 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 5069255 by changing the saturation by 10% instead.

■ 5069255

■ 5069255

16777215

■ 2835115

■ 9014271

■ 11408

■ 10921471

■ 6262

■ 12828927

■ 92

■ 14802175

■ 1860

■ 16775679

■ 813

■ 279

■ 0

■ 5069255

■ 5069255

■ 3753927

■ 6384583

■ 2438599

■ 7699911

■ 1123271

■ 9015239

■ 5319

■ 10330567

■ 11645895

■ 12895687

■ 14211015

■ 15526343

■ 16775879

Harmonies

Analogous

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



28370



5069255



10304162

Triad

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



5069255



11028480



31580

Complementary

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



5069255



13089613

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.



30497



5069255



8413184

Square

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



5069255



12527672



5009152



31891

Rectangle

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



5069255



12002176



5009152



31305

Sweetspot

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



5069255



13752063



5097403



6514304



0



8421504

Same Dimension

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



5069255



4347391



8277447



5921379



4259



1060

Inverse Universe

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



13061465



16728661



9881421



6511194



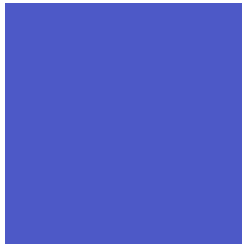
10682384



2359300

Previews

White Background



This preview shows how the Decimal color 5069255 looks on a white background.

Color Contrast Check

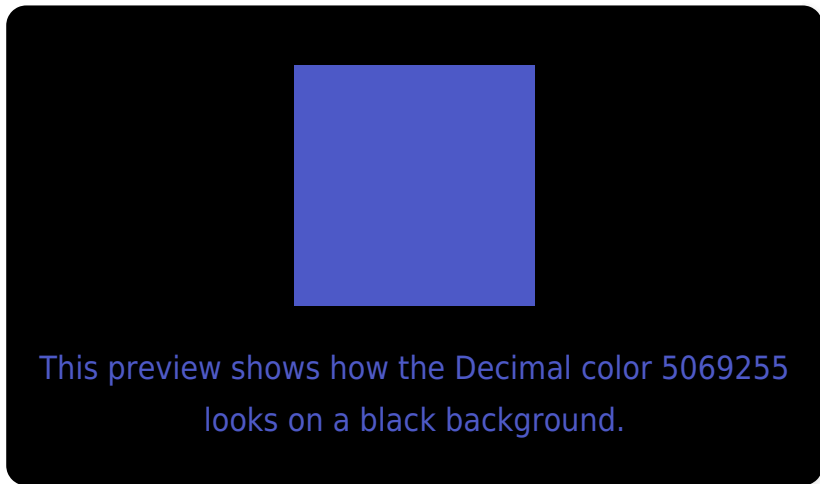
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

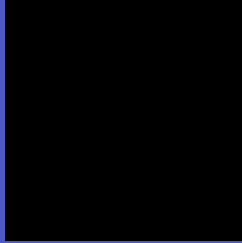
Any Text WCAG AA × Fail

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 5069255 Background



This preview shows how black text looks on a background with the Decimal color 5069255.

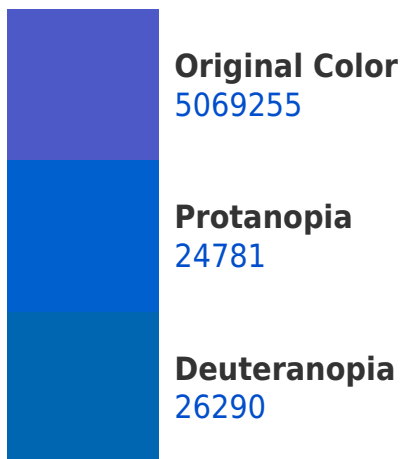


This preview shows how white text looks on a background with the Decimal color 5069255.

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
2453111

Trichromacy



Original Color
5069255

Protanomaly
1859019

Deuteranomaly
1860026

Tritanomaly
3434132

Monochromacy



Original Color
5069255

Achromatopsia
6447714

Achromatomaly
5922695

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5069255 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 #4D59C7 looks like.

```
.text, #text, p{  
  color:#4D59C7  
}
```

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 #4D59C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D59C7
}
```

Border

The CSS property to change the border of an element to Decimal 5069255 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
#4D59C7 }
```

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

```
.border{ border-color:#4D59C7 }
```

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

Here you see how a box with a 4 pixel #4D59C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D59C7; -webkit-box-shadow:4px 4px  
4px 4px #4D59C7; box-shadow:4px 4px 4px  
4px #4D59C7 }
```

Background

The CSS property to change the background color of an element to Decimal 5069255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D59C7 }
```

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

```
.background{ background-color:#4D59C7 }
```

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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