

# Converting Colors

Decimal(5075120)

Have a look what the booklet for  
Decimal(5075120) contains.

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# Color

**Decimal(5075120)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D70B0
RGB	77, 112, 176
RGB Percent	30%, 44%, 69%
CMY	0.6980, 0.5608, 0.3098
CMYK	0.56, 0.36, 0.00, 0.31
HSL	219°, 39%, 50%
HSV	219°, 56%, 69%
XYZ	16.6912, 16.3007, 43.3409
YIQ	108.8310, -41.4040, 12.4840

# Conversions

## Conversions Part 2

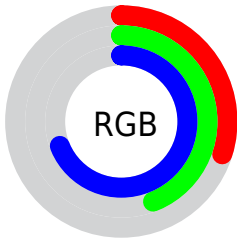
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 103, 176
Decimal	5075120
CIE <sub>Lab</sub>	47.37, 6.87, -37.87
CIE <sub>LCh</sub>	47, 38.486, 280.275
Yxy	16.3007, 0.2187, 0.2135
Android (android.graphics.Color)	4283265200 (0xFF4D70B0)
YUV	108.8310, 33.1143, -27.9158
Hunter-Lab	40.3741, 3.1396, -35.3849

# Details

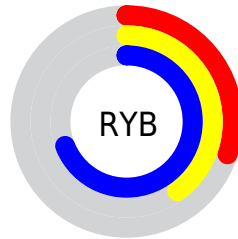
The Decimal color **5075120** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **11570509**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **8758248**, and **475515** is the 20% darker color. If you saturate the color by 10%, you get **3892656**, and if you desaturate by 10%, it is **6257584**.

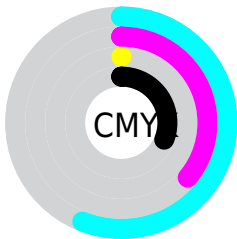
# Distribution



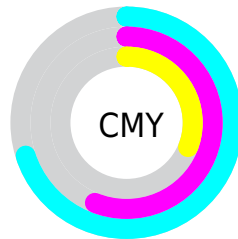
- Red (30%)
- Green (44%)
- Blue (69%)



- Red (30%)
- Yellow (40%)
- Blue (69%)



- Cyan (56%)
- Magenta (36%)
- Yellow (0%)
- Black (31%)



- Cyan (70%)
- Magenta (56%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5075120 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 5075120 by changing the saturation by 10% instead.



■ 5075120

■ 5075120

16777215

■ 3168405

■ 8758248

■ 475515

■ 10600191

■ 11106

■ 12442367

■ 5961

■ 14350335

■ 1075

■ 16252927

■ 541

■ 0

■ 5075120

■ 5075120

■ 3892656

■ 6257584

■ 2775472

■ 7374768

■ 1593008

■ 8557232

■ 475824

■ 9674416

■ 16048

■ 10856880

■ 12039344

■ 13156528

■ 14338992

■ 15455920

# Harmonies

## Analogous

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



31405



5075120



8479650

# Triad

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



5075120



11033416



2326361

# Complementary

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



5075120



11570509

# 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.



5601853



5075120



9791283

# Square

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



5075120



11359590



7959086



33147

# Rectangle

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



5075120



9984913



7959086



3702351



# Sweetspot

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



5075120



12504294



5091468



6055027



15921906



7566195



# Same Dimension

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



5075120



4817382



5918128



5264217



13977



2330



# Inverse Universe

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



11554160



15092097



10727501



5853267



10027062

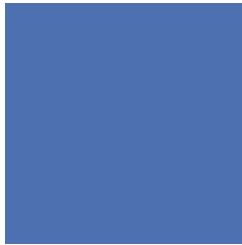


1703945



# Previews

## White Background



This preview shows how the Decimal color 5075120 looks on a white background.

## Color Contrast Check

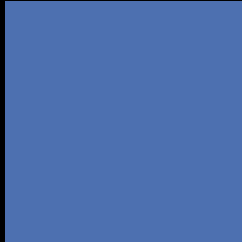
Large Text (above 18pt) WCAG AA ✓ Pass

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 5075120 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

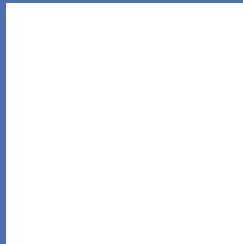
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5075120 Background



This preview shows how black text looks on a background with the Decimal color 5075120.

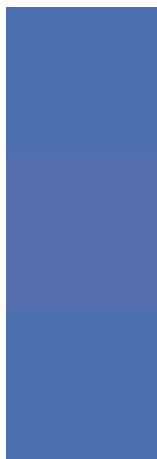


This preview shows how white text looks on a background with the Decimal color 5075120.

# 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



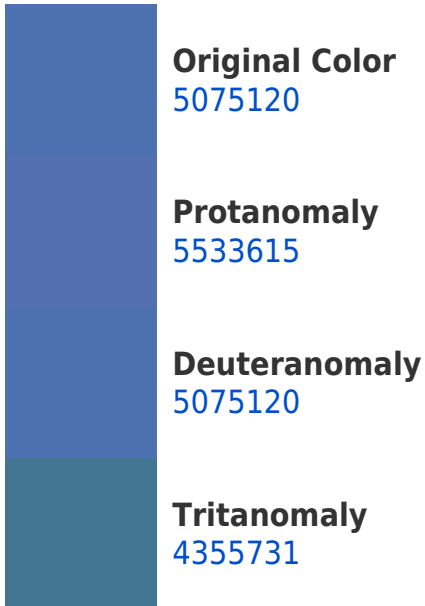
**Original Color**  
5075120

**Protanopia**  
5795502

**Deuteranopia**  
5075120



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5075120 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 #4D70B0 looks like.

```
.text, #text, p{  
  color:#4D70B0  
}
```

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 #4D70B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D70B0
}
```

## Border

The CSS property to change the border of an element to Decimal 5075120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

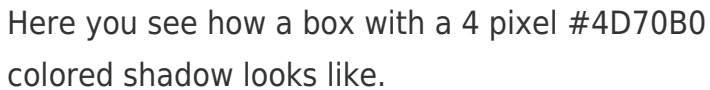
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D70B0 }
```

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

```
.border{ border-color:#4D70B0 }
```

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



Here you see how a box with a 4 pixel #4D70B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D70B0; -webkit-box-shadow:4px 4px  
4px 4px #4D70B0; box-shadow:4px 4px 4px  
4px #4D70B0 }
```

# Background

The CSS property to change the background color of an element to Decimal 5075120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D70B0 }
```

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

```
.background{ background-color:#4D70B0 }
```

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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