

# Converting Colors

Decimal(5062625)

Have a look what the booklet for  
Decimal(5062625) contains.

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# Color

**Decimal(5062625)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D3FE1
RGB	77, 63, 225
RGB Percent	30%, 25%, 88%
CMY	0.6980, 0.7529, 0.1176
CMYK	0.66, 0.72, 0.00, 0.12
HSL	245°, 73%, 56%
HSV	245°, 72%, 88%
XYZ	18.4287, 10.5690, 72.3029
YIQ	85.6540, -43.6580, 53.3500

# Conversions

## Conversions Part 2

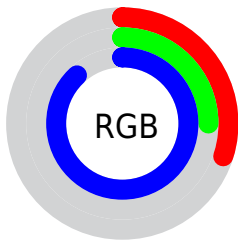
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	77, 63, 225
Decimal	5062625
CIE Lab	38.84, 52.99, -79.93
CIE LCh	39, 95.898, 303.545
Yxy	10.5690, 0.1819, 0.1043
Android (android.graphics.Color)	4283252705 (0xFF4D3FE1)
YUV	85.6540, 68.6976, -7.5896
Hunter-Lab	32.5101, 44.2921, -109.1049

# Details

The Decimal color **5062625** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **13885759**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **9400831**, and **3752** is the 20% darker color. If you saturate the color by 10%, you get **3680737**, and if you desaturate by 10%, it is **6444769**.

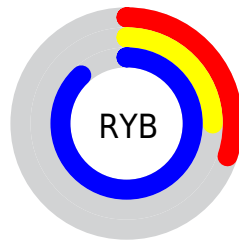
# Distribution



Red (30%)

Green (25%)

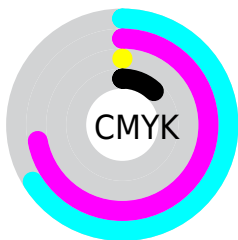
Blue (88%)



Red (30%)

Yellow (25%)

Blue (88%)

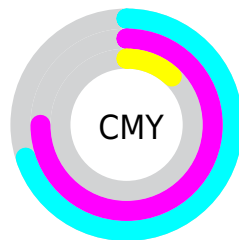


Cyan (66%)

Magenta (72%)

Yellow (0%)

Black (12%)



Cyan (70%)

Magenta (75%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5062625 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 5062625 by changing the saturation by 10% instead.



■ 5062625

■ 5062625

16777215

■ 2172868

■ 9400831

■ 3752

■ 11439103

■ 141

■ 13477631

■ 114

■ 15450879

■ 2393

■ 16768767

■ 1856

■ 16776191

■ 809

■ 275

■ 0

■ 5062625

■ 5062625

■ 3680737

■ 6444769

■ 2364129

■ 7761121

■ 1245409

■ 9143265

■ 10459617

■ 11841761

■ 13158113

■ 14540001

■ 15856609

■ 16777185

# Harmonies

## Analogous

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



26364



5062625



12124323

# Triad

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



5062625



10761984



30563

# Complementary

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



5062625



13885759

# 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.



29696



5062625



6839296

# Square

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



5062625



13434887



27904



30897

# Rectangle

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



5062625



13893744



27904



30280



# Sweetspot

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



5062625



13420543



4183265



6381184



0



8421504



# Same Dimension

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



5062625



3613951



10305505



6710640



983216



262192



# Inverse Universe

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



14761939



16721132



8577343



7365999



11534497



3145772



# Previews

## White Background



This preview shows how the Decimal color 5062625 looks on a white background.

## Color Contrast Check

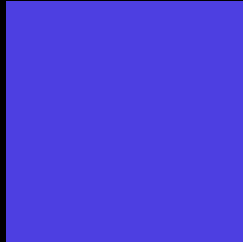
Large Text (above 18pt) WCAG AA ✓ Pass

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 5062625 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

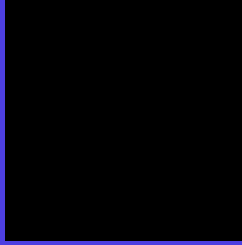
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5062625 Background



This preview shows how black text looks on a background with the Decimal color 5062625.



This preview shows how white text looks on a background with the Decimal color 5062625.

# 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





# Trichromacy



**Original Color**  
5062625

**Protanomaly**  
1855432

**Deuteranomaly**  
1856438

**Tritanomaly**  
1857431

# Monochromacy



**Original Color**  
5062625

**Achromatopsia**  
5658198

**Achromatomaly**  
5459593

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5062625 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 #4D3FE1 looks like.

```
.text, #text, p{  
    color:#4D3FE1  
}
```

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 #4D3FE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3FE1
}
```

## Border

The CSS property to change the border of an element to Decimal 5062625 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
#4D3FE1 }
```

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

```
.border{ border-color:#4D3FE1 }
```

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

Here you see how a box with a 4 pixel #4D3FE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3FE1; -webkit-box-shadow:4px 4px  
4px 4px #4D3FE1; box-shadow:4px 4px 4px  
4px #4D3FE1 }
```

# Background

The CSS property to change the background color of an element to Decimal 5062625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3FE1 }
```

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

```
.background{ background-color:#4D3FE1 }
```

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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