

# Converting Colors

Decimal(5112040)

Have a look what the booklet for  
Decimal(5112040) contains.

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**Color**

**Decimal(5112040)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E00E8
RGB	78, 0, 232
RGB Percent	31%, 0%, 91%
CMY	0.6941, 1.0000, 0.0902
CMYK	0.66, 1.00, 0.00, 0.09
HSL	260°, 100%, 45%
HSV	260°, 100%, 91%
XYZ	17.7074, 7.4459, 76.8478
YIQ	49.7700, -27.9840, 88.6880

# Conversions

## Conversions Part 2

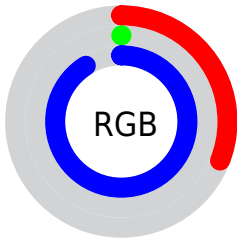
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	78, 0, 232
Decimal	5112040
CIE Lab	32.80, 75.22, -93.93
CIE LCh	33, 120.334, 308.688
Yxy	7.4459, 0.1736, 0.0730
Android (android.graphics.Color)	4283302120 (0xFF4E00E8)
YUV	49.7700, 89.8394, 24.7577
Hunter-Lab	27.2872, 68.0809, -147.8752

# Details

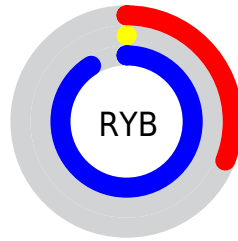
The Decimal color **5112040** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **10151936**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **9652735**, and **175** is the 20% darker color. If you saturate the color by 10%, you get **5112040**, and if you desaturate by 10%, it is **6100968**.

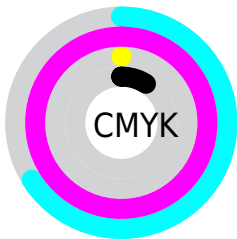
# Distribution



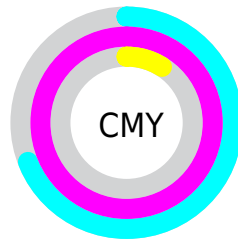
- Red (31%)
- Green (0%)
- Blue (91%)



- Red (31%)
- Yellow (0%)
- Blue (91%)



- Cyan (66%)
- Magenta (100%)
- Yellow (0%)
- Black (9%)



- Cyan (69%)
- Magenta (100%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5112040 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 5112040 by changing the saturation by 10% instead.



■ 5112040

■ 5112040

16777215

■ 1835211

■ 9652735

■ 175

■ 11822591

■ 147

■ 13861375

■ 120

■ 15965695

■ 3422

■ 16759295

■ 2117

■ 16766719

■ 1070

■ 16774143

■ 280

■ 0

■ 5112040

■ 6100968

■ 7155432

■ 8144616

■ 9199080

■ 10188008

■ 11176936

■ 12231400

■ 13220584

■ 14275048

# Harmonies

## Analogous

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



23039



5112040



13041813

# Triad

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



5112040



9643264



26984

# Complementary

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



5112040



10151936

# 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.



26112



5112040



4608768

# Square

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



5112040



13107200



25088



27846

# Rectangle

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



5112040



14549079



25088



26695



# Sweetspot

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



5112040



13415423



39912



6378112



0



8421504



# Same Dimension

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



5112040



5636351



12648680



7038835



3932339



1114163



# Inverse Universe

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



15204506



16711849



2615296



7563119



11731062

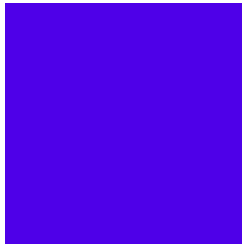


3342370



# Previews

## White Background



This preview shows how the Decimal color 5112040 looks on a white background.

## Color Contrast Check

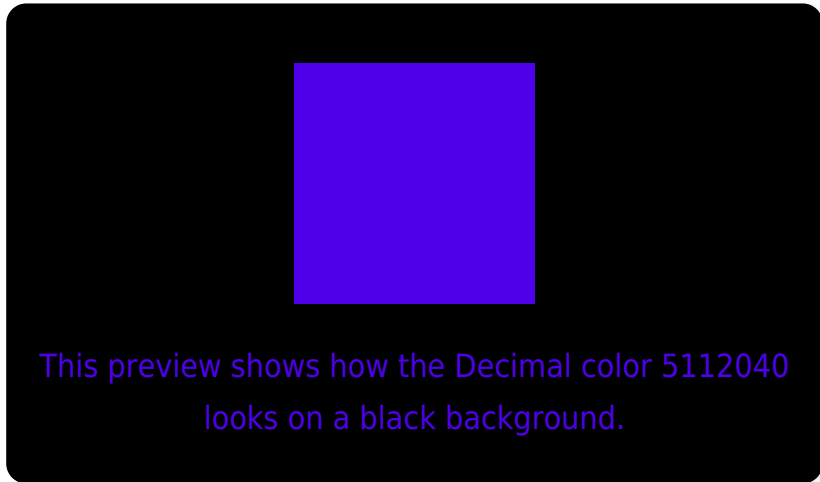
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 5112040 Background



This preview shows how black text looks on a background with the Decimal color 5112040.

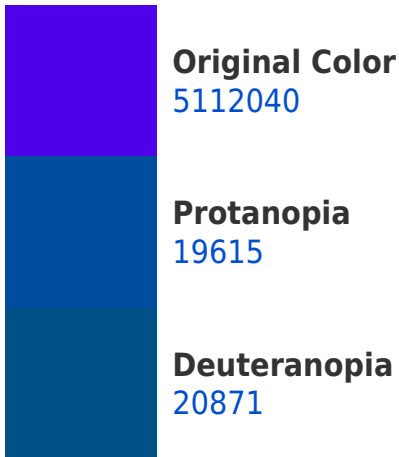


This preview shows how white text looks on a background with the Decimal color 5112040.

# 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**  
5112040

**Protanomaly**  
1847482

**Deuteranomaly**  
1848490

**Tritanomaly**  
1849232

# Monochromacy



**Original Color**  
5112040

**Achromatopsia**  
3289650

**Achromatomaly**  
3940468

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5112040 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 #4E00E8 looks like.

```
.text, #text, p{  
    color:#4E00E8  
}
```

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 #4E00E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E00E8
}
```

## Border

The CSS property to change the border of an element to Decimal 5112040 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".

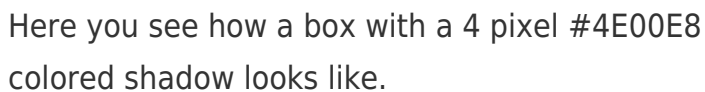
```
.border, #border, table{ border:4px solid
#4E00E8 }
```

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

```
.border{ border-color:#4E00E8 }
```

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

Here you see how a box with a 4 pixel #4E00E8 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E00E8; -webkit-box-shadow:4px 4px  
4px 4px #4E00E8; box-shadow:4px 4px 4px  
4px #4E00E8 }
```

# Background

The CSS property to change the background color of an element to Decimal 5112040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E00E8 }
```

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

```
.background{ background-color:#4E00E8 }
```

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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