

Converting Colors

Decimal(4980960)

Have a look what the booklet for
Decimal(4980960) contains.

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Color

Decimal(4980960)

Conversions

Conversions Part 1

Format	Color
Hex	4C00E0
RGB	76, 0, 224
RGB Percent	30%, 0%, 88%
CMY	0.7020, 1.0000, 0.1216
CMYK	0.66, 1.00, 0.00, 0.12
HSL	260°, 100%, 44%
HSV	260°, 100%, 88%
XYZ	16.4350, 6.9183, 70.9902
YIQ	48.2600, -26.6080, 85.7760

Conversions

Conversions Part 2

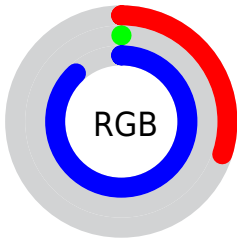
Format	Color
R_{YB}	76, 0, 224
Decimal	4980960
CIE Lab	31.62, 73.30, -91.32
CIE LCh	32, 117.098, 308.752
Yxy	6.9183, 0.1742, 0.0733
Android (android.graphics.Color)	4283171040 (0xFF4C00E0)
YUV	48.2600, 86.6398, 24.3280
Hunter-Lab	26.3027, 65.5046, -141.6100

Details

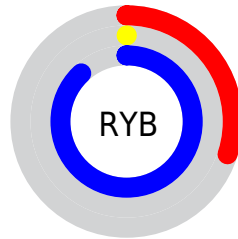
The Decimal color **4980960** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **9756672**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **9521407**, and **167** is the 20% darker color. If you saturate the color by 10%, you get **4980960**, and if you desaturate by 10%, it is **5969632**.

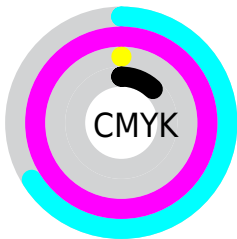
Distribution



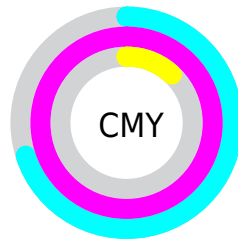
- Red (30%)
- Green (0%)
- Blue (88%)



- Red (30%)
- Yellow (0%)
- Blue (88%)



- Cyan (66%)
- Magenta (100%)
- Yellow (0%)
- Black (12%)



- Cyan (70%)
- Magenta (100%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4980960 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 4980960 by changing the saturation by 10% instead.

4980960

4980960

16777215

1769667

9521407

167

11560191

140

13664255

113

15768575

3159

16758783

1599

16766207

808

16773631

274

0

■ 4980960

■ 5969632

■ 6958560

■ 7881696

■ 8870624

■ 9859296

■ 10847968

■ 11836896

■ 12760032

■ 13748960

Harmonies

Analogous

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



22015



4980960



12583056

Triad

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



4980960



9249792



25957

Complementary

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



4980960



9756672

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.



25344



4980960



4411648

Square

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



4980960



12713984



24064



27072

Rectangle

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



4980960



14090323



24064



25668

Sweetspot

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



4980960



13415423



38368



6378112



0



8421504

Same Dimension

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



4980960



5701887



12255456



6907248



3932336



1048624

Inverse Universe

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



14680212



16711848



2482176



7365996



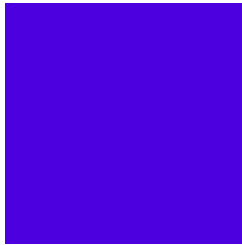
11534452



3145760

Previews

White Background



This preview shows how the Decimal color 4980960 looks on a white background.

Color Contrast Check

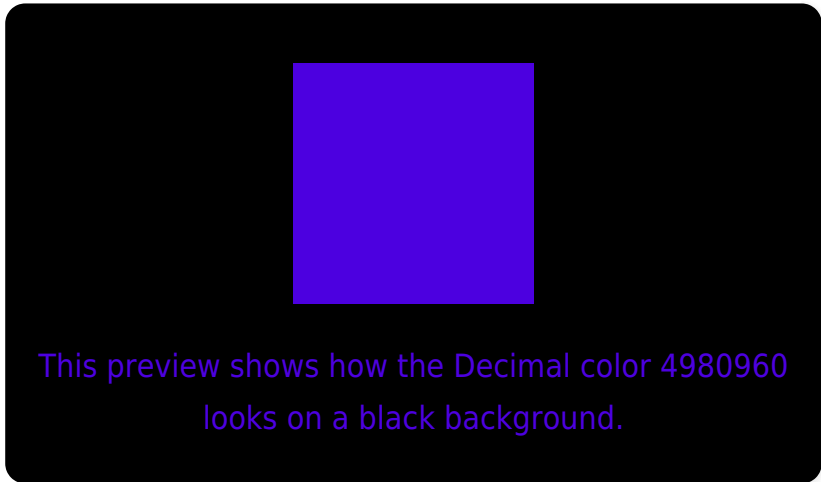
Large Text (above 18pt) WCAG AA ✓ Pass

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

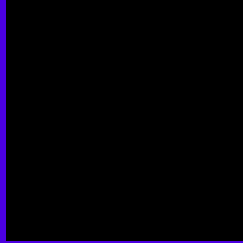
Any Text WCAG AA × Fail

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 4980960 Background



This preview shows how black text looks on a background with the Decimal color 4980960.



This preview shows how white text looks on a background with the Decimal color 4980960.

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
4980960

Protanopia
18842

Deuteranopia
20099

Trichromacy



Original Color
4980960

Protanomaly
1846963

Deuteranomaly
1847973

Tritanomaly
1848715

Monochromacy



Original Color
4980960

Achromatopsia
3158064

Achromatomaly
3809136

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4980960 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 #4C00E0 looks like.

```
.text, #text, p{  
    color:#4C00E0  
}
```

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 #4C00E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C00E0
}
```

Border

The CSS property to change the border of an element to Decimal 4980960 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".

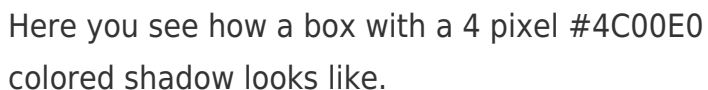
```
.border, #border, table{ border:4px solid
#4C00E0 }
```

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

```
.border{ border-color:#4C00E0 }
```

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

Here you see how a box with a 4 pixel #4C00E0 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C00E0; -webkit-box-shadow:4px 4px  
4px 4px #4C00E0; box-shadow:4px 4px 4px  
4px #4C00E0 }
```

Background

The CSS property to change the background color of an element to Decimal 4980960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C00E0 }
```

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

```
.background{ background-color:#4C00E0 }
```

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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