

Converting Colors

Decimal(4663790)

Have a look what the booklet for
Decimal(4663790) contains.

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Color

Decimal(4663790)

Conversions

Conversions Part 1

Format	Color
Hex	4729EE
RGB	71, 41, 238
RGB Percent	28%, 16%, 93%
CMY	0.7216, 0.8392, 0.0667
CMYK	0.70, 0.83, 0.00, 0.07
HSL	249°, 85%, 55%
HSV	249°, 83%, 93%
XYZ	18.8241, 9.0985, 81.6530
YIQ	72.4280, -45.3570, 67.6270

Conversions

Conversions Part 2

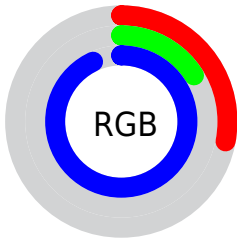
Format	Color
R _Y B	71, 41, 238
Decimal	4663790
CIE Lab	36.17, 66.56, -91.75
CIE LCh	36, 113.353, 305.960
Yxy	9.0985, 0.1718, 0.0830
Android (android.graphics.Color)	4282853870 (0xFF4729EE)
YUV	72.4280, 81.6270, -1.2524
Hunter-Lab	30.1637, 58.6087, -139.3828

Details

The Decimal color **4663790** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **13692457**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **9330431**, and **180** is the 20% darker color. If you saturate the color by 10%, you get **3346926**, and if you desaturate by 10%, it is **5980654**.

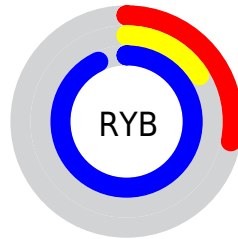
Distribution



Red (28%)

Green (16%)

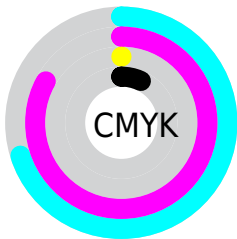
Blue (93%)



Red (28%)

Yellow (16%)

Blue (93%)

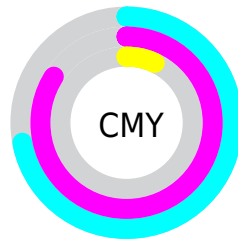


Cyan (70%)

Magenta (83%)

Yellow (0%)

Black (7%)



Cyan (72%)



















Magenta (84%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4663790 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 4663790 by changing the saturation by 10% instead.

 4663790	 4663790
 16777215	 329937
 9330431	 180
 11434495	 153
 13538559	 126
 15642623	 2915
 16764159	 2378
 16771327	 1075
	 541
	 0

■ 4663790

■ 4663790

■ 3346926

■ 5980654

■ 2359534

■ 7297518

■ 8679662

■ 9996526

■ 11313390

■ 12630254

■ 13947118

■ 15263726

■ 16646126

Harmonies

Analogous

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



25087



4663790



12976290

Triad

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



4663790



10496768



29030

Complementary

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



4663790



13692457

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.



28416



4663790



5789952

Square

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



4663790



13762560



26880



29889

Rectangle

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



4663790



14680166



26880



28742

Sweetspot

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



4663790



13221887



2740462



6248832



0



8421504

Same Dimension

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



4663790



2687999



11086318



7236728



1835192



589880

Inverse Universe

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



15608272



16712665



7269929



7892086



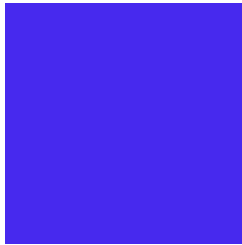
12058780



3670064

Previews

White Background



This preview shows how the Decimal color 4663790 looks on a white background.

Color Contrast Check

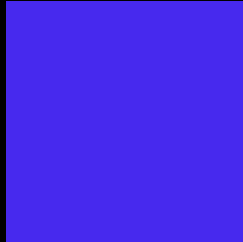
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Decimal color 4663790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

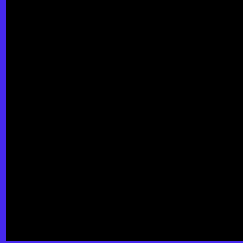
Any Text WCAG AA × Fail

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 4663790 Background



This preview shows how black text looks on a background with the Decimal color 4663790.

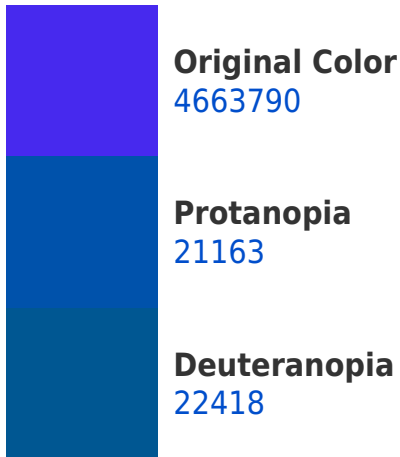


This preview shows how white text looks on a background with the Decimal color 4663790.

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
4663790

Protanomaly
1721283

Deuteranomaly
1722035

Tritanomaly
1723286

Monochromacy



Original Color
4663790

Achromatopsia
4737096

Achromatomaly
4734340

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4663790 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 #4729EE looks like.

```
.text, #text, p{  
    color:#4729EE  
}
```

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 #4729EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4729EE
}
```

Border

The CSS property to change the border of an element to Decimal 4663790 is called "border". The border property can be set on classes, ids or directly on the HTML element.

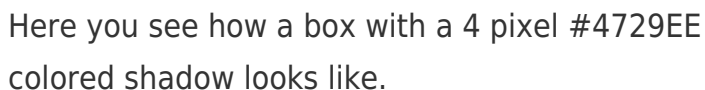
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4729EE }
```

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

```
.border{ border-color:#4729EE }
```

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



Here you see how a box with a 4 pixel #4729EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4729EE; -webkit-box-shadow:4px 4px  
4px 4px #4729EE; box-shadow:4px 4px 4px  
4px #4729EE }
```

Background

The CSS property to change the background color of an element to Decimal 4663790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4729EE }
```

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

```
.background{ background-color:#4729EE }
```

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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