

Converting Colors

Decimal(4695240)

Have a look what the booklet for
Decimal(4695240) contains.

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Color

Decimal(4695240)

Conversions

Conversions Part 1

Format	Color
Hex	47A4C8
RGB	71, 164, 200
RGB Percent	28%, 64%, 78%
CMY	0.7216, 0.3569, 0.2157
CMYK	0.65, 0.18, 0.00, 0.22
HSL	197°, 54%, 53%
HSV	197°, 64%, 78%
XYZ	26.2993, 32.0606, 59.4458
YIQ	140.2970, -66.9840, -8.5200

Conversions

Conversions Part 2

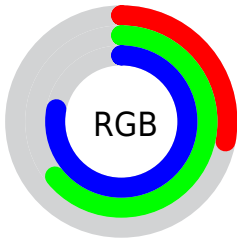
Format	Color
RYB	71, 125, 200
Decimal	4695240
CIELab	63.39, -16.40, -26.58
CIElCh	63, 31.228, 238.330
Yxy	32.0606, 0.2232, 0.2721
Android (android.graphics.Color)	4282885320 (0xFF47A4C8)
YUV	140.2970, 29.4336, -60.7735
Hunter-Lab	56.6221, -16.1807, -22.6112

Details

The Decimal color **4695240** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **13134663**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **8707071**, and **28818** is the 20% darker color. If you saturate the color by 10%, you get **3382984**, and if you desaturate by 10%, it is **6007496**.

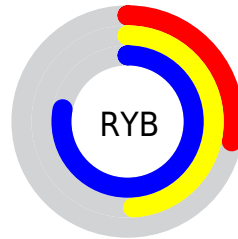
Distribution



Red (28%)

Green (64%)

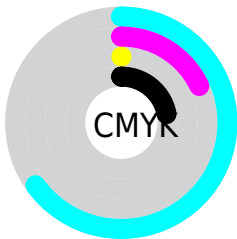
Blue (78%)



Red (28%)

Yellow (49%)

Blue (78%)

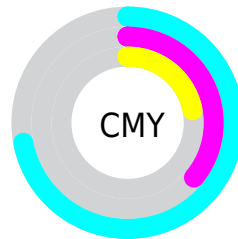


Cyan (65%)

Magenta (18%)

Yellow (0%)

Black (22%)



Cyan (72%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4695240 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 4695240 by changing the saturation by 10% instead.

■ 4695240

■ 4695240

16777215

■ 2198189

■ 8707071

■ 28818

■ 10615039

■ 22648

■ 12582911

■ 16479

■ 14483455

■ 10823

■ 16515071

■ 5681

■ 283

■ 0

■ 4695240

■ 4695240

■ 3382984

■ 6007496

■ 2070984

■ 7319496

■ 758728

■ 8631752

■ 37064

■ 9943752

■ 11256008

■ 12568008

■ 13880264

■ 15192520

■ 16504520

Harmonies

Analogous

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



3647667



4695240



7445969

Triad

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



4695240



13468828



9543784

Complementary

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



4695240



13134663

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.



11442018



4695240



13665920

Square

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



4695240



12290743



12881515



7382651

Rectangle

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



4695240



9344718



12881515



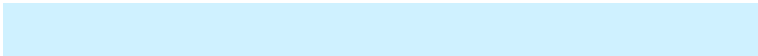
10198372

Sweetspot

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



4695240



13627903



4704361



6453120



0



8421504

Same Dimension

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



4695240



3918079



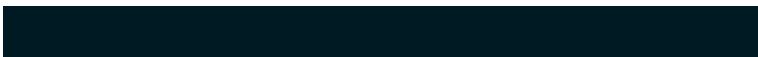
4679112



5923171



30371



6692

Inverse Universe

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



13125540



16726984



13150791



6511201



10682486



2359322

Previews

White Background



This preview shows how the Decimal color 4695240 looks on a white 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

Black Background



This preview shows how the Decimal color 4695240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

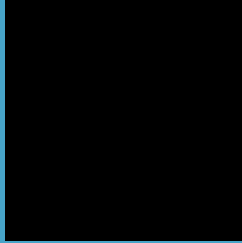
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Decimal 4695240 Background



This preview shows how black text looks on a background with the Decimal color 4695240.



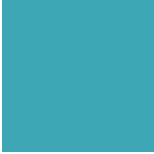
This preview shows how white text looks on a background with the Decimal color 4695240.

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](#).

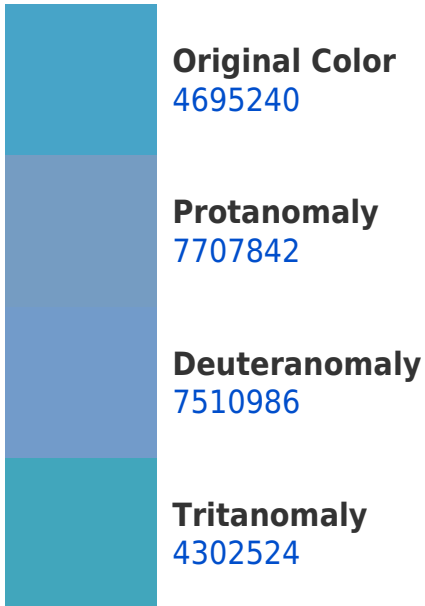
Dichromacy





Tritanopia
4040629

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4695240 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 #47A4C8 looks like.

```
.text, #text, p{  
    color:#47A4C8  
}
```

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 #47A4C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47A4C8
}
```

Border

The CSS property to change the border of an element to Decimal 4695240 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
#47A4C8 }
```

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

```
.border{ border-color:#47A4C8 }
```

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

Here you see how a box with a 4 pixel #47A4C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47A4C8; -webkit-box-shadow:4px 4px  
4px 4px #47A4C8; box-shadow:4px 4px 4px  
4px #47A4C8 }
```

Background

The CSS property to change the background color of an element to Decimal 4695240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47A4C8 }
```

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

```
.background{ background-color:#47A4C8 }
```

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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