

Converting Colors

Decimal(4693949)

Have a look what the booklet for
Decimal(4693949) contains.

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Color

Decimal(4693949)

Conversions

Conversions Part 1

Format	Color
Hex	479FBD
RGB	71, 159, 189
RGB Percent	28%, 62%, 74%
CMY	0.7216, 0.3765, 0.2588
CMYK	0.62, 0.16, 0.00, 0.26
HSL	195°, 47%, 51%
HSV	195°, 62%, 74%
XYZ	24.1820, 29.8100, 52.6235
YIQ	136.1080, -62.0780, -9.3260

Conversions

Conversions Part 2

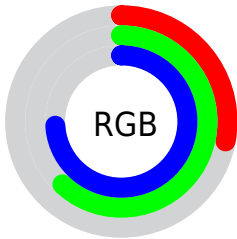
Format	Color
R _Y B	71, 121, 189
Decimal	4693949
CIE Lab	61.49, -17.18, -23.35
CIE LCh	61, 28.990, 233.652
Yxy	29.8100, 0.2268, 0.2796
Android (android.graphics.Color)	4282884029 (0xFF479FBD)
YUV	136.1080, 26.0758, -57.0997
Hunter-Lab	54.5985, -16.4888, -18.9263

Details

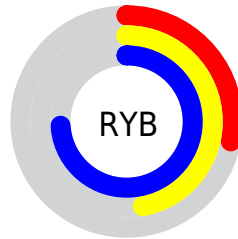
The Decimal color **4693949** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **12412231**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **8574709**, and **27528** is the 20% darker color. If you saturate the color by 10%, you get **3447485**, and if you desaturate by 10%, it is **5940413**.

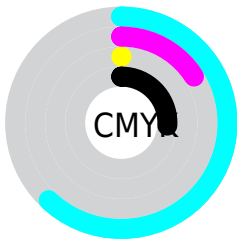
Distribution



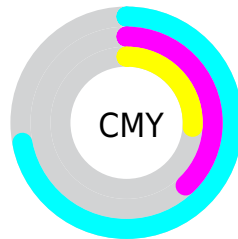
- Red (28%)
- Green (62%)
- Blue (74%)



- Red (28%)
- Yellow (47%)
- Blue (74%)



- Cyan (62%)
- Magenta (16%)
- Yellow (0%)
- Black (26%)



- Cyan (72%)
- Magenta (38%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4693949 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 4693949 by changing the saturation by 10% instead.



4693949



4693949

16777215



2393506



8574709



27528



10482431



21358



12386303



15446



14352383



9790



16318463



3369



275



0



4693949



4693949

■ 3447485

■ 5940413

■ 2201021

■ 7186877

■ 954813

■ 8433085

■ 36285

■ 9679549

■ 10926013

■ 12106941

■ 13353405

■ 14599613

■ 15846077

Harmonies

Analogous

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



4170408



4693949



6986183

Triad

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



4693949



12812955



9541989

Complementary

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



4693949



12412231

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.



11243874



4693949



13075073

Square

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



4693949



11569075



12552300



7642997

Rectangle

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



4693949



8688582



12552300



10131298

Sweetspot

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



4693949



13036021



4701541



6189946



16448250



8026746

Same Dimension

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



4693949



4048629



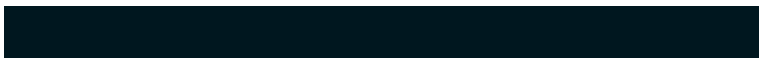
4679101



5594206



30366



5919

Inverse Universe

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



12404639



16072134



12427335



6182236



10354806



2031639

Previews

White Background



This preview shows how the Decimal color 4693949 looks on a white background.

Color Contrast Check

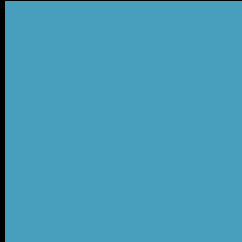
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 4693949 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 × Fail

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

Decimal 4693949 Background



This preview shows how black text looks on a background with the Decimal color 4693949.




This preview shows how white text looks on a background with the Decimal color 4693949.

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
4235695

Trichromacy



Original Color
4693949

Protanomaly
7575479

Deuteranomaly
7509695

Tritanomaly
4432052

Monochromacy



Original Color
4693949

Achromatopsia
8947848

Achromatomaly
7377051

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4693949 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 #479FBD looks like.

```
.text, #text, p{  
    color:#479FBD  
}
```

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 #479FBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #479FBD
}
```

Border

The CSS property to change the border of an element to Decimal 4693949 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
#479FBD }
```

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

```
.border{ border-color:#479FBD }
```

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

Here you see how a box with a 4 pixel #479FBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #479FBD; -webkit-box-shadow:4px 4px  
4px 4px #479FBD; box-shadow:4px 4px 4px  
4px #479FBD }
```

Background

The CSS property to change the background color of an element to Decimal 4693949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#479FBD }
```

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

```
.background{ background-color:#479FBD }
```

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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