

Converting Colors

Decimal(5078449)

Have a look what the booklet for
Decimal(5078449) contains.

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Color

Decimal(5078449)

Conversions

Conversions Part 1

Format	Color
Hex	4D7DB1
RGB	77, 125, 177
RGB Percent	30%, 49%, 69%
CMY	0.6980, 0.5098, 0.3059
CMYK	0.56, 0.29, 0.00, 0.31
HSL	211°, 39%, 50%
HSV	211°, 56%, 69%
XYZ	18.3300, 19.4193, 44.3772
YIQ	116.5760, -45.3000, 5.9960

Conversions

Conversions Part 2

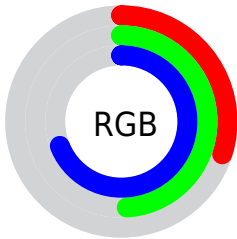
Format	Color
R_{YB}	77, 109, 177
Decimal	5078449
CIE _{Lab}	51.17, -0.67, -32.47
CIE _{LCh}	51, 32.474, 268.821
Yxy	19.4193, 0.2232, 0.2365
Android (android.graphics.Color)	4283268529 (0xFF4D7DB1)
YUV	116.5760, 29.7890, -34.7082
Hunter-Lab	44.0674, -2.8701, -28.8597

Details

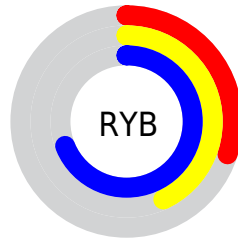
The Decimal color **5078449** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **11632973**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **8761833**, and **412796** is the 20% darker color. If you saturate the color by 10%, you get **3896497**, and if you desaturate by 10%, it is **6260401**.

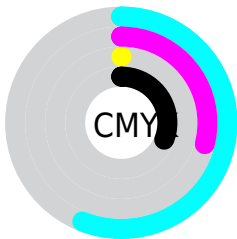
Distribution



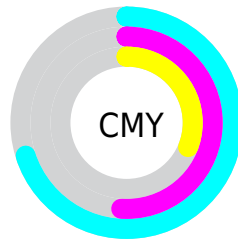
- Red (30%)
- Green (49%)
- Blue (69%)



- Red (30%)
- Yellow (43%)
- Blue (69%)



- Cyan (56%)
- Magenta (29%)
- Yellow (0%)
- Black (31%)



- Cyan (70%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5078449 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 5078449 by changing the saturation by 10% instead.

■ 5078449

■ 5078449

16777215

■ 3171478

■ 8761833

■ 412796

■ 10604031

■ 13923

■ 12446207

■ 8523

■ 14352383

■ 2356

■ 16318463

■ 542

■ 0

■ 5078449

■ 5078449

■ 3896497

■ 6260401

■ 2780081

■ 7376817

■ 1597873

■ 8559025

■ 415921

■ 9740977

■ 21937

■ 10857393

■ 12039345

■ 13221297

■ 14403505

■ 15519921

Harmonies

Analogous

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



99497



5078449



8090538

Triad

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



5078449



11429473



5211740

Complementary

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



5078449



11632973

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.



7372872



5078449



10645067

Square

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



5078449



11363452



9271362



2328696

Rectangle

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



5078449



9596063



9271362



5932116

Sweetspot

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



5078449



12505574



5091713



6055795



15921906



7566195

Same Dimension

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



5078449



4822246



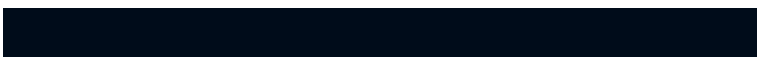
5197233



5264729



18841



3098

Inverse Universe

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



11619709



15092116



11514189



5853269



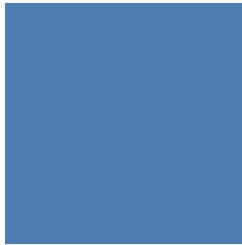
10027081



1703948

Previews

White Background



This preview shows how the Decimal color 5078449 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 5078449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

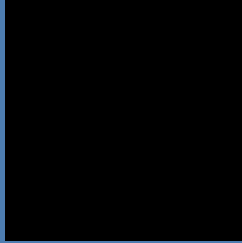
Any Text WCAG AA ✓ Pass

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 5078449 Background



This preview shows how black text looks on a background with the Decimal color 5078449.



This preview shows how white text looks on a background with the Decimal color 5078449.

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](#).

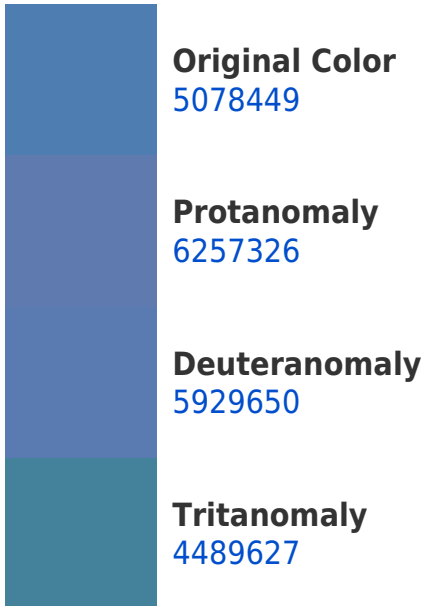
Dichromacy





Tritanopia
4162702

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5078449 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 #4D7DB1 looks like.

```
.text, #text, p{  
    color:#4D7DB1  
}
```

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 #4D7DB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7DB1
}
```

Border

The CSS property to change the border of an element to Decimal 5078449 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
#4D7DB1 }
```

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

```
.border{ border-color:#4D7DB1 }
```

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

Here you see how a box with a 4 pixel #4D7DB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7DB1; -webkit-box-shadow:4px 4px  
4px 4px #4D7DB1; box-shadow:4px 4px 4px  
4px #4D7DB1 }
```

Background

The CSS property to change the background color of an element to Decimal 5078449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7DB1 }
```

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

```
.background{ background-color:#4D7DB1 }
```

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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