

Converting Colors

Decimal(5013689)

Have a look what the booklet for
Decimal(5013689) contains.

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Color

Decimal(5013689)

Conversions

Conversions Part 1

Format	Color
Hex	4C80B9
RGB	76, 128, 185
RGB Percent	30%, 50%, 73%
CMY	0.7020, 0.4980, 0.2745
CMYK	0.59, 0.31, 0.00, 0.27
HSL	211°, 44%, 51%
HSV	211°, 59%, 73%
XYZ	19.4566, 20.4776, 48.8260
YIQ	118.9500, -49.2890, 6.7030

Conversions

Conversions Part 2

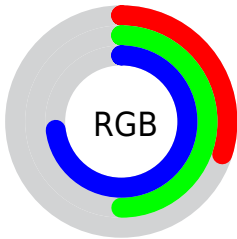
Format	Color
R _Y B	76, 111, 185
Decimal	5013689
CIE Lab	52.37, -0.03, -35.20
CIE LCh	52, 35.199, 269.945
Yxy	20.4776, 0.2192, 0.2307
Android (android.graphics.Color)	4283203769 (0xFF4C80B9)
YUV	118.9500, 32.5626, -37.6671
Hunter-Lab	45.2522, -2.4436, -32.2959

Details

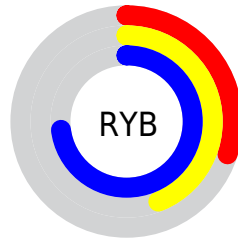
The Decimal color **5013689** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **12158284**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **8762865**, and **20356** is the 20% darker color. If you saturate the color by 10%, you get **3831481**, and if you desaturate by 10%, it is **6261433**.

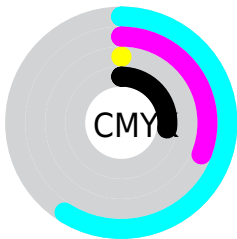
Distribution



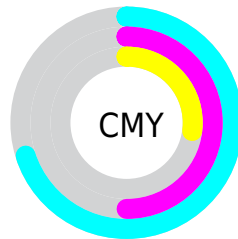
- Red (30%)
- Green (50%)
- Blue (73%)



- Red (30%)
- Yellow (44%)
- Blue (73%)



- Cyan (59%)
- Magenta (31%)
- Yellow (0%)
- Black (27%)



- Cyan (70%)
- Magenta (50%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5013689 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 5013689 by changing the saturation by 10% instead.

■ 5013689

■ 5013689

16777215

■ 2975646

■ 8762865

■ 20356

■ 10604799

■ 14698

■ 12512511

■ 9298

■ 14417919

■ 3642

■ 16383999

■ 548

■ 12

■ 0

■ 5013689

■ 5013689

■ 3831481

■ 6261433

■ 2583993

■ 7443385

■ 1336249

■ 8691129

■ 154041

■ 9873337

■ 22713

■ 11120825

■ 12303033

■ 13485241

■ 14732729

■ 15980473

Harmonies

Analogous

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



34993



5013689



8353201

Triad

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



5013689



11888480



5016158

Complementary

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



5013689



12158284

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.



7439431



5013689



11038793

Square

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



5013689



11822462



9468735



1019260

Rectangle

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



5013689



10055332



9468735



5867605

Sweetspot

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



5013689



12966384



5028228



6122104



16250871



7895160

Same Dimension

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



5013689



4626416



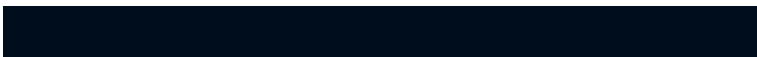
5131449



5461852



19100



3356

Inverse Universe

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



12143744



15746711



12040524



6050647



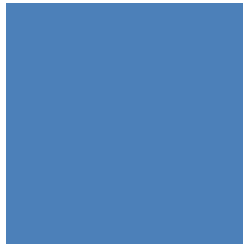
10223690



1835021

Previews

White Background



This preview shows how the Decimal color 5013689 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 5013689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

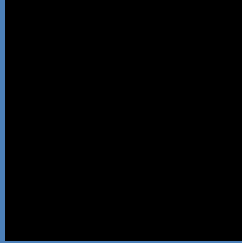
Any Text WCAG AA ✓ Pass

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 5013689 Background



This preview shows how black text looks on a background with the Decimal color 5013689.

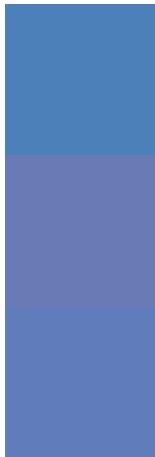


This preview shows how white text looks on a background with the Decimal color 5013689.

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
5013689

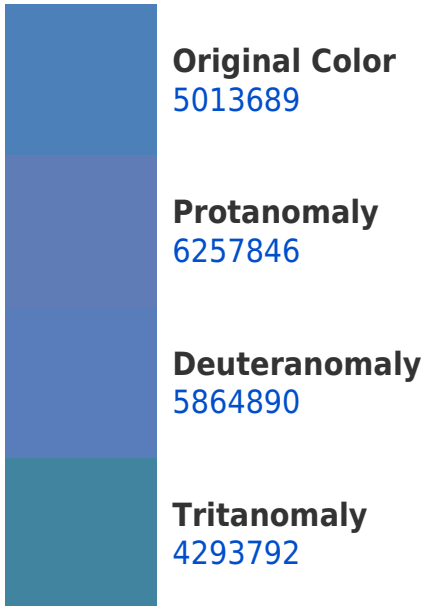
Protanopia
6978228

Deuteranopia
6323386

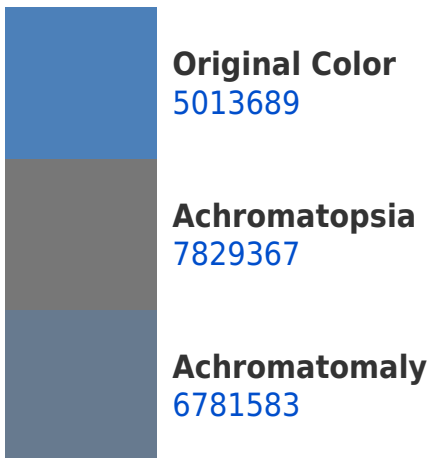


Tritanopia
3901330

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5013689 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 #4C80B9 looks like.

```
.text, #text, p{  
  color:#4C80B9  
}
```

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 #4C80B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C80B9
}
```

Border

The CSS property to change the border of an element to Decimal 5013689 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
#4C80B9 }
```

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

```
.border{ border-color:#4C80B9 }
```

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

Here you see how a box with a 4 pixel #4C80B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C80B9; -webkit-box-shadow:4px 4px  
4px 4px #4C80B9; box-shadow:4px 4px 4px  
4px #4C80B9 }
```

Background

The CSS property to change the background color of an element to Decimal 5013689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C80B9 }
```

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

```
.background{ background-color:#4C80B9 }
```

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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