

Converting Colors

Decimal(5013685)

Have a look what the booklet for
Decimal(5013685) contains.

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Color

Decimal(5013685)

Conversions

Conversions Part 1

Format	Color
Hex	4C80B5
RGB	76, 128, 181
RGB Percent	30%, 50%, 71%
CMY	0.7020, 0.4980, 0.2902
CMYK	0.58, 0.29, 0.00, 0.29
HSL	210°, 42%, 50%
HSV	210°, 58%, 71%
XYZ	19.0402, 20.3110, 46.6330
YIQ	118.4940, -48.0050, 5.4590

Conversions

Conversions Part 2

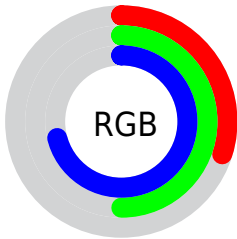
Format	Color
R_{YB}	76, 111, 181
Decimal	5013685
CIE _{Lab}	52.19, -1.35, -33.19
CIE _{LCh}	52, 33.219, 267.670
Yxy	20.3110, 0.2214, 0.2362
Android (android.graphics.Color)	4283203765 (0xFF4C80B5)
YUV	118.4940, 30.8155, -37.2672
Hunter-Lab	45.0678, -3.4562, -29.8017

Details

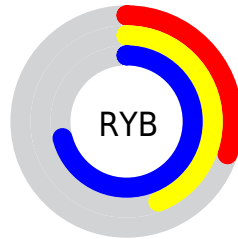
The Decimal color **5013685** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **11895116**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **8697325**, and **20352** is the 20% darker color. If you saturate the color by 10%, you get **3831733**, and if you desaturate by 10%, it is **6195637**.

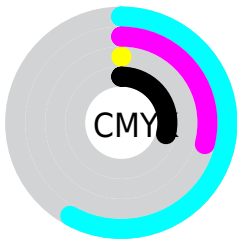
Distribution



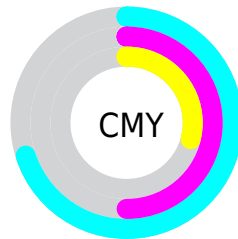
- Red (30%)
- Green (50%)
- Blue (71%)



- Red (30%)
- Yellow (44%)
- Blue (71%)



- Cyan (58%)
- Magenta (29%)
- Yellow (0%)
- Black (29%)



- Cyan (70%)
- Magenta (50%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5013685 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 5013685 by changing the saturation by 10% instead.

■ 5013685

■ 5013685

16777215

■ 3041178

■ 8697325

■ 20352

■ 10604799

■ 14695

■ 12446975

■ 9294

■ 14352383

■ 3383

■ 16318463

■ 545

■ 6

■ 0

■ 5013685

■ 5013685

■ 3831733

■ 6195637

■ 2649781

■ 7377589

■ 1467829

■ 8559541

■ 285621

■ 9741749

■ 23221

■ 10989237

■ 12171189

■ 13353141

■ 14535093

■ 15717045

Harmonies

Analogous

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



34732



5013685



8156847

Triad

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



5013685



11757668



5343581

Complementary

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



5013685



11895116

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.



7635785



5013685



10973261

Square

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



5013685



11560576



9534019



2395001

Rectangle

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



5013685



9727907



9534019



6195029

Sweetspot

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



5013685



12834539



5027201



6187381



16119285



7697781

Same Dimension

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



5013685



4626667



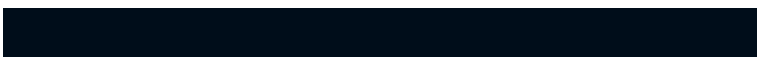
5000373



5264729



19609



3354

Inverse Universe

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



11881600



15419032



11908428



5853269



10027084



1703949

Previews

White Background



This preview shows how the Decimal color 5013685 looks on a white background.

Color Contrast Check

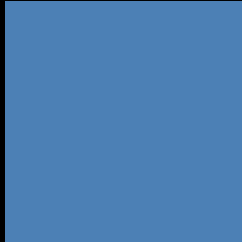
Large Text (above 18pt) WCAG AA ✓ Pass

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 5013685 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 5013685 Background



This preview shows how black text looks on a background with the Decimal color 5013685.



This preview shows how white text looks on a background with the Decimal color 5013685.

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



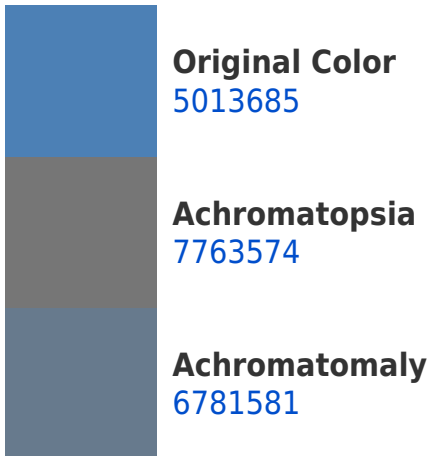


Tritanopia
4032402

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5013685 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 #4C80B5 looks like.

```
.text, #text, p{  
    color:#4C80B5  
}
```

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 #4C80B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C80B5
}
```

Border

The CSS property to change the border of an element to Decimal 5013685 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
#4C80B5 }
```

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

```
.border{ border-color:#4C80B5 }
```

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

Here you see how a box with a 4 pixel #4C80B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C80B5; -webkit-box-shadow:4px 4px  
4px 4px #4C80B5; box-shadow:4px 4px 4px  
4px #4C80B5 }
```

Background

The CSS property to change the background color of an element to Decimal 5013685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C80B5 }
```

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

```
.background{ background-color:#4C80B5 }
```

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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