

Converting Colors

Decimal(5008051)

Have a look what the booklet for
Decimal(5008051) contains.

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Color

Decimal(5008051)

Conversions

Conversions Part 1

Format	Color
Hex	4C6AB3
RGB	76, 106, 179
RGB Percent	30%, 42%, 70%
CMY	0.7020, 0.5843, 0.2980
CMYK	0.58, 0.41, 0.00, 0.30
HSL	223°, 40%, 50%
HSV	223°, 58%, 70%
XYZ	16.2712, 15.0992, 44.7047
YIQ	105.3520, -41.3130, 16.3430

Conversions

Conversions Part 2

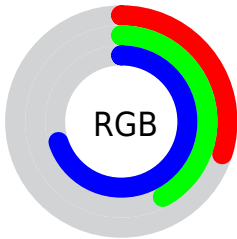
Format	Color
R_{YB}	76, 99, 179
Decimal	5008051
CIE _{Lab}	45.77, 11.38, -42.15
CIE _{LCh}	46, 43.658, 285.108
Yxy	15.0992, 0.2139, 0.1985
Android (android.graphics.Color)	4283198131 (0xFF4C6AB3)
YUV	105.3520, 36.3085, -25.7417
Hunter-Lab	38.8577, 6.7437, -41.0110

Details

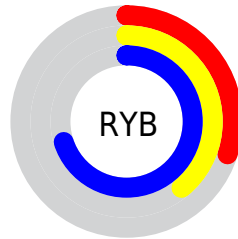
The Decimal color **5008051** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11769164**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **8691179**, and **15230** is the 20% darker color. If you saturate the color by 10%, you get **3825075**, and if you desaturate by 10%, it is **6191027**.

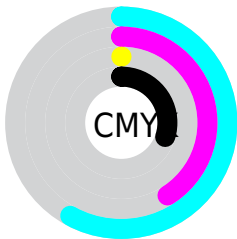
Distribution



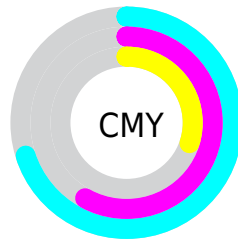
- Red (30%)
- Green (42%)
- Blue (70%)



- Red (30%)
- Yellow (39%)
- Blue (70%)



- Cyan (58%)
- Magenta (41%)
- Yellow (0%)
- Black (30%)



- Cyan (70%)
- Magenta (58%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5008051 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 5008051 by changing the saturation by 10% instead.

■ 5008051

■ 5008051

16777215

■ 3035800

■ 8691179

■ 15230

■ 10533119

■ 9828

■ 12440575

■ 4684

■ 14348543

■ 1333

■ 16252927

■ 542

■ 1

■ 0

■ 5008051

■ 5008051

■ 3825075

■ 6191027

■ 2642355

■ 7373747

■ 1459379

■ 8556723

■ 276403

■ 9739699

■ 13491

■ 10856883

■ 12039859

■ 13222835

■ 14405555

■ 15588531

Harmonies

Analogous

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



30387



5008051



8805280

Triad

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



5008051



10966586



32088

Complementary

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



5008051



11769164

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.



4553014



5008051



9397283

Square

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



5008051



11553883



7303200



32382

Rectangle

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



5008051



10375820



7303200



1539148

Sweetspot

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



5008051



12700904



5026708



6186357



16119285



7697781

Same Dimension

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



5008051



4749288



6376627



5264217



11673



1818

Inverse Universe

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



11750506



15222903



10400588



5853267



10027053



1703943

Previews

White Background



This preview shows how the Decimal color 5008051 looks on a white background.

Color Contrast Check

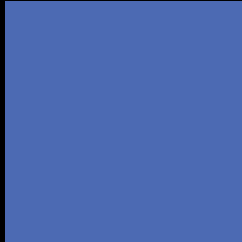
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 5008051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

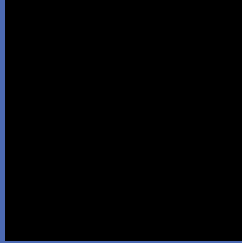
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 5008051 Background



This preview shows how black text looks on a background with the Decimal color 5008051.



This preview shows how white text looks on a background with the Decimal color 5008051.

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

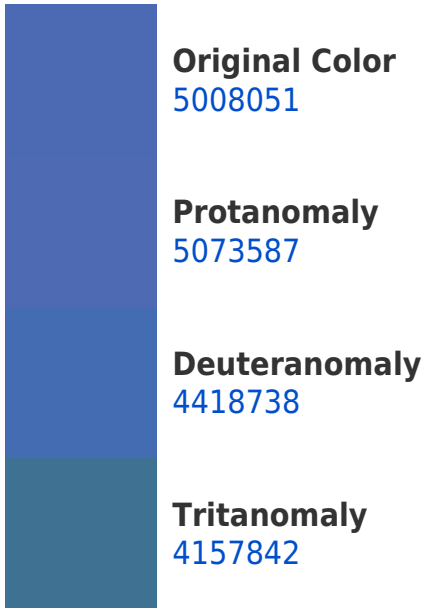


Original Color
5008051

Protanopia
5139123

Deuteranopia
4091314

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5008051 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 #4C6AB3 looks like.

```
.text, #text, p{  
  color:#4C6AB3  
}
```

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 #4C6AB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6AB3
}
```

Border

The CSS property to change the border of an element to Decimal 5008051 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
#4C6AB3 }
```

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

```
.border{ border-color:#4C6AB3 }
```

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

Here you see how a box with a 4 pixel #4C6AB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6AB3; -webkit-box-shadow:4px 4px  
4px 4px #4C6AB3; box-shadow:4px 4px 4px  
4px #4C6AB3 }
```

Background

The CSS property to change the background color of an element to Decimal 5008051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6AB3 }
```

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

```
.background{ background-color:#4C6AB3 }
```

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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