

Converting Colors

Decimal(4807052)

Have a look what the booklet for
Decimal(4807052) contains.

| | |
|--|----|
| Decimal(4807052) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Decimal(4807052)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 49598C |
| RGB | 73, 89, 140 |
| RGB Percent | 29%, 35%, 55% |
| CMY | 0.7137, 0.6510, 0.4510 |
| CMYK | 0.48, 0.36, 0.00, 0.45 |
| HSL | 226°, 31%, 42% |
| HSV | 226°, 48%, 55% |
| XYZ | 11.0537, 10.4547, 26.2463 |
| YIQ | 90.0300, -25.9070, 12.4690 |

Conversions

Conversions Part 2

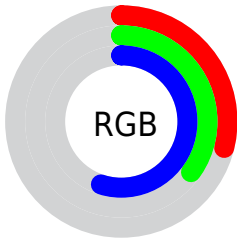
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 73, 86, 140 |
| Decimal | 4807052 |
| CIE Lab | 38.65, 8.51, -30.25 |
| CIE LCh | 39, 31.427, 285.716 |
| Yxy | 10.4547, 0.2315, 0.2189 |
| Android (android.graphics.Color) | 4282997132 (0xFF49598C) |
| YUV | 90.0300, 24.6352, -14.9353 |
| Hunter-Lab | 32.3337, 4.4384, -25.4940 |

Details

The Decimal color **4807052** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9206857**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **8227778**, and **1256537** is the 20% darker color. If you saturate the color by 10%, you get **3886732**, and if you desaturate by 10%, it is **5727372**.

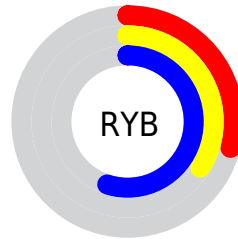
Distribution



Red (29%)

Green (35%)

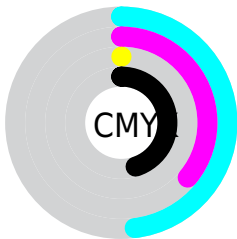
Blue (55%)



Red (29%)

Yellow (34%)

Blue (55%)

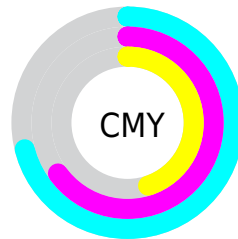


Cyan (48%)

Magenta (36%)

Yellow (0%)

Black (45%)



Cyan (71%)

Magenta (65%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4807052 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 4807052 by changing the saturation by 10% instead.

■ 4807052

■ 4807052

16777215

■ 3097202

■ 8227778

■ 1256537

■ 10003934

■ 6210

■ 11845883

■ 299

■ 13688063

■ 278

■ 15530239

■ 0

■ 4807052

■ 4807052

■ 3886732

■ 5727372

■ 2966668

■ 6647436

■ 2046348

■ 7567756

■ 1126028

■ 8488076

■ 205964

■ 9408140

■ 8588

■ 10328460

■ 11248780

■ 12168844

■ 13089164

Harmonies

Analogous

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



24972



4807052



7229311

Triad

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



4807052



8735800



1468238

Complementary

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



4807052



9206857

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.



4219958



4807052



7689513

Square

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



4807052



9127503



6118952



26728

Rectangle

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



4807052



8276336



6118952



2647621

Sweetspot

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



4807052



10265269



4820091



5001308



14408667



6052956

Same Dimension

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



4807052



5138101



5917068



4079685



8325



261

Inverse Universe

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



9193817



11882086



8096841



4537920



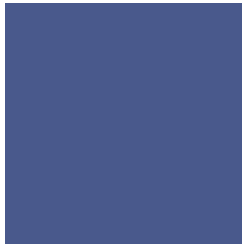
8716320



327681

Previews

White Background



This preview shows how the Decimal color 4807052 looks on a white background.

Color Contrast Check

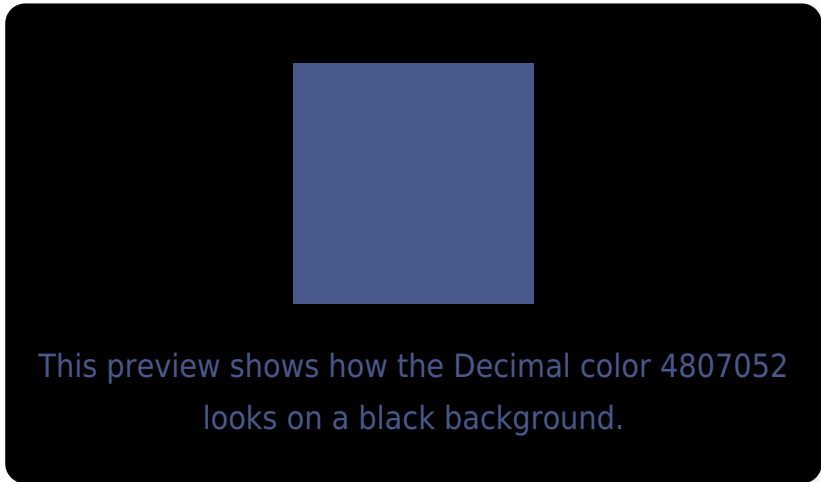
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

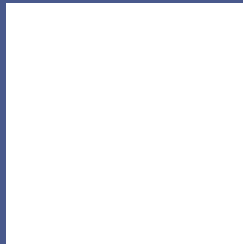
Any Text WCAG AAA × Fail

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

Decimal 4807052 Background



This preview shows how black text looks on a background with the Decimal color 4807052.



This preview shows how white text looks on a background with the Decimal color 4807052.

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
4807052

Protanopia
4741516

Deuteranopia
4348812



Tritanopia
4087912

Trichromacy



Original Color
4807052

Protanomaly
4741516

Deuteranomaly
4545164

Tritanomaly
4349301

Monochromacy



Original Color
4807052

Achromatopsia
5921370

Achromatomaly
5528172

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4807052 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 #49598C looks like.

```
.text, #text, p{  
    color:#49598C  
}
```

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 #49598C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49598C
}
```

Border

The CSS property to change the border of an element to Decimal 4807052 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
#49598C }
```

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

```
.border{ border-color:#49598C }
```

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

Here you see how a box with a 4 pixel #49598C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49598C; -webkit-box-shadow:4px 4px  
4px 4px #49598C; box-shadow:4px 4px 4px  
4px #49598C }
```

Background

The CSS property to change the background color of an element to Decimal 4807052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49598C }
```

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

```
.background{ background-color:#49598C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor