

Converting Colors

Decimal(5076908)

Have a look what the booklet for
Decimal(5076908) contains.

Decimal(5076908)	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(5076908)

Conversions

Conversions Part 1

Format	Color
Hex	4D77AC
RGB	77, 119, 172
RGB Percent	30%, 47%, 67%
CMY	0.6980, 0.5333, 0.3255
CMYK	0.55, 0.31, 0.00, 0.33
HSL	213°, 38%, 49%
HSV	213°, 55%, 67%
XYZ	17.1038, 17.7500, 41.5543
YIQ	112.4840, -42.0450, 7.5790

Conversions

Conversions Part 2

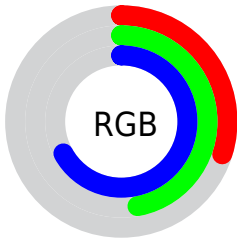
Format	Color
RYB	77, 106, 172
Decimal	5076908
CIELab	49.19, 1.29, -32.67
CIELCh	49, 32.698, 272.257
Yxy	17.7500, 0.2238, 0.2323
Android (android.graphics.Color)	4283266988 (0xFF4D77AC)
YUV	112.4840, 29.3414, -31.1195
Hunter-Lab	42.1307, -1.2633, -28.9873

Details

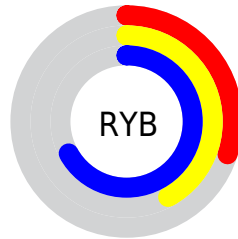
The Decimal color **5076908** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **11305549**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **8694756**, and **673655** is the 20% darker color. If you saturate the color by 10%, you get **3960236**, and if you desaturate by 10%, it is **6193580**.

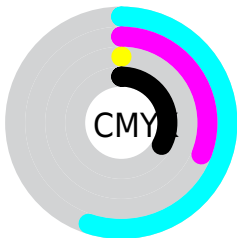
Distribution



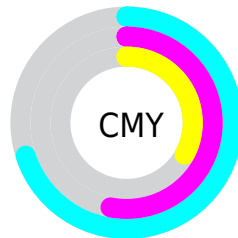
- Red (30%)
- Green (47%)
- Blue (67%)



- Red (30%)
- Yellow (42%)
- Blue (67%)



- Cyan (55%)
- Magenta (31%)
- Yellow (0%)
- Black (33%)



- Cyan (70%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5076908 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 5076908 by changing the saturation by 10% instead.

■ 5076908

■ 5076908

16777215

■ 3169937

■ 8694756

■ 673655

■ 10536703

■ 12638

■ 12378879

■ 7238

■ 14286847

■ 1072

■ 16187391

■ 282

■ 0

■ 5076908

■ 5076908

■ 3960236

■ 6193580

■ 2843820

■ 7309996

■ 1661612

■ 8492204

■ 545196

■ 9608620

■ 19628

■ 10725292

■ 11841964

■ 12958380

■ 14140588

■ 15257004

Harmonies

Analogous

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



32677



5076908



8023460

Triad

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



5076908



11035225



4555098

Complementary

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



5076908



11305549

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.



6782021



5076908



10185284

Square

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



5076908



11100020



8680509



1016694

Rectangle

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



5076908



9528983



8680509



5341266

Sweetspot

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



5076908



12241888



5090433



5923952



15790320



7368816

Same Dimension

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



5076908



5017312



5393836



5132887



17302



2583

Inverse Universe

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



11292023



14699662



10988621



5721682



9830467



1507338

Previews

White Background



This preview shows how the Decimal color 5076908 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 5076908 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 5076908 Background



This preview shows how black text looks on a background with the Decimal color 5076908.




This preview shows how white text looks on a background with the Decimal color 5076908.

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](#).

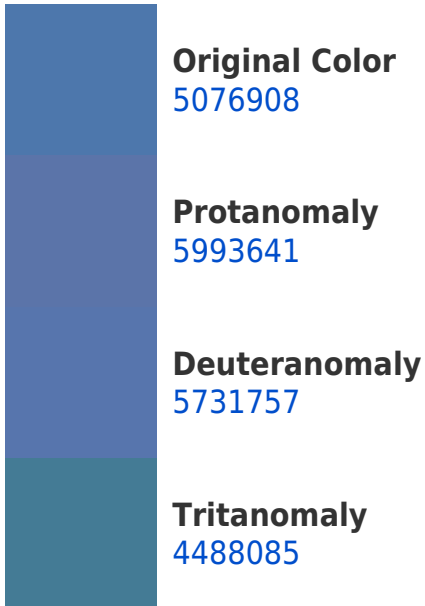
Dichromacy





Tritanopia
4161160

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5076908 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 #4D77AC looks like.

```
.text, #text, p{  
  color:#4D77AC  
}
```

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 #4D77AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D77AC
}
```

Border

The CSS property to change the border of an element to Decimal 5076908 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
#4D77AC }
```

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

```
.border{ border-color:#4D77AC }
```

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

Here you see how a box with a 4 pixel #4D77AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D77AC; -webkit-box-shadow:4px 4px  
4px 4px #4D77AC; box-shadow:4px 4px 4px  
4px #4D77AC }
```

Background

The CSS property to change the background color of an element to Decimal 5076908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D77AC }
```

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

```
.background{ background-color:#4D77AC }
```

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