

Converting Colors

Decimal(5076601)

Have a look what the booklet for
Decimal(5076601) contains.

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Color

Decimal(5076601)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 4D7679 |
| RGB | 77, 118, 121 |
| RGB Percent | 30%, 46%, 47% |
| CMY | 0.6980, 0.5373, 0.5255 |
| CMYK | 0.36, 0.02, 0.00, 0.53 |
| HSL | 184°, 22%, 39% |
| HSV | 184°, 36%, 47% |
| XYZ | 12.9902, 15.9151, 20.4764 |
| YIQ | 106.0830, -25.3990, -7.7590 |

Conversions

Conversions Part 2

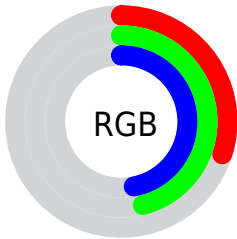
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 77, 98, 121 |
| Decimal | 5076601 |
| CIELab | 46.86, -13.41, -6.20 |
| CIElCh | 47, 14.775, 204.815 |
| Yxy | 15.9151, 0.2631, 0.3223 |
| Android (android.graphics.Color) | 4283266681 (0xFF4D7679) |
| YUV | 106.0830, 7.3541, -25.5058 |
| Hunter-Lab | 39.8938, -11.6910, -2.5064 |

Details

The Decimal color **5076601** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7950413**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **8432301**, and **1853001** is the 20% darker color. If you saturate the color by 10%, you get **4289913**, and if you desaturate by 10%, it is **5863289**.

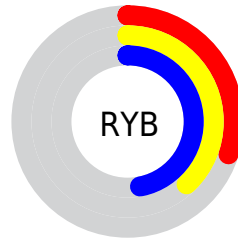
Distribution



Red (30%)

Green (46%)

Blue (47%)



Red (30%)

Yellow (38%)

Blue (47%)

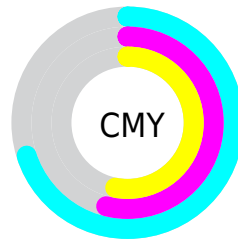


Cyan (36%)

Magenta (2%)

Yellow (0%)

Black (53%)



Cyan (70%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5076601 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 5076601 by changing the saturation by 10% instead.



5076601



5076601

16777215



3431776



8432301



1853001



10208969



77618



11985637



6941



13827839



2



15663103



0



5076601



5076601



4289913



5863289



3503225



6649977

■ 2716793

■ 7436409

■ 1930105

■ 8223097

■ 1077881

■ 9009785

■ 291193

■ 9862009

■ 29049

■ 10648697

■ 11435385

■ 12221817

Harmonies

Analogous

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



5469804



5076601



5338243

Triad

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



5076601



8219006



8089175

Complementary

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



5076601



7950413

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.



8677979



5076601



8808050

Square

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



5076601



7236997



9004901



7237976

Rectangle

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



5076601



5862023



9004901



8285271

Sweetspot

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



5076601



9280926



5077328



4542031



13619151



5197647

Same Dimension

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



5076601



5872030



5070969



3620157



29821



60412

Inverse Universe

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



7949686



10377625



7956045



4011837



8192116



16515307

Previews

White Background



This preview shows how the Decimal color 5076601 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 5076601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

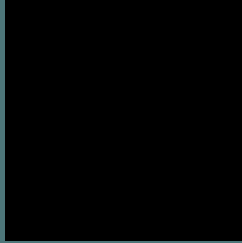
Any Text WCAG AA × Fail

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 5076601 Background



This preview shows how black text looks on a background with the Decimal color 5076601.

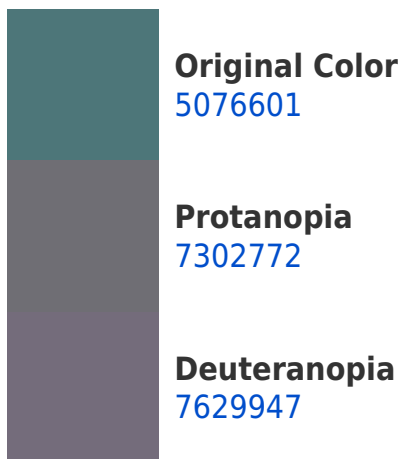


This preview shows how white text looks on a background with the Decimal color 5076601.

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



Trichromacy



Original Color
5076601

Protanomaly
6517110

Deuteranomaly
6713466

Tritanomaly
5141885

Monochromacy



Original Color
5076601

Achromatopsia
6974058

Achromatomaly
6254191

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5076601 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 #4D7679 looks like.

```
.text, #text, p{  
    color:#4D7679  
}
```

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 #4D7679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7679
}
```

Border

The CSS property to change the border of an element to Decimal 5076601 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
#4D7679 }
```

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

```
.border{ border-color:#4D7679 }
```

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

Here you see how a box with a 4 pixel #4D7679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7679; -webkit-box-shadow:4px 4px  
4px 4px #4D7679; box-shadow:4px 4px 4px  
4px #4D7679 }
```

Background

The CSS property to change the background color of an element to Decimal 5076601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7679 }
```

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

```
.background{ background-color:#4D7679 }
```

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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