

Converting Colors

Decimal(5012097)

Have a look what the booklet for
Decimal(5012097) contains.

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Color

Decimal(5012097)

Conversions

Conversions Part 1

Format	Color
Hex	4C7A81
RGB	76, 122, 129
RGB Percent	30%, 48%, 51%
CMY	0.7020, 0.5216, 0.4941
CMYK	0.41, 0.05, 0.00, 0.49
HSL	188°, 26%, 40%
HSV	188°, 41%, 51%
XYZ	13.9025, 17.0405, 23.3253
YIQ	109.0440, -29.6630, -7.5750

Conversions

Conversions Part 2

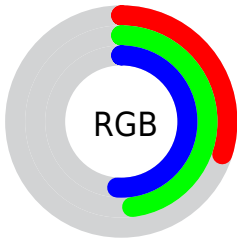
Format	Color
RYB	76, 101, 129
Decimal	5012097
CIELab	48.31, -13.76, -8.79
CIELCh	48, 16.327, 212.569
Yxy	17.0405, 0.2562, 0.3140
Android (android.graphics.Color)	4283202177 (0xFF4C7A81)
YUV	109.0440, 9.8383, -28.9796
Hunter-Lab	41.2802, -12.1246, -4.6056

Details

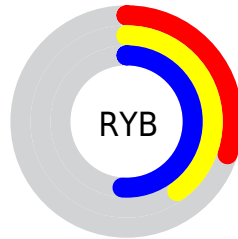
The Decimal color **5012097** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8475468**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **8433590**, and **1657168** is the 20% darker color. If you saturate the color by 10%, you get **4159617**, and if you desaturate by 10%, it is **5864577**.

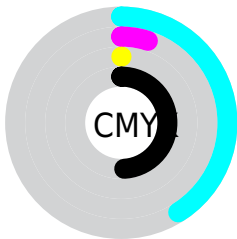
Distribution



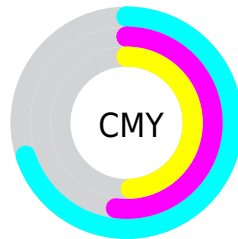
- Red (30%)
- Green (48%)
- Blue (51%)



- Red (30%)
- Yellow (40%)
- Blue (51%)



- Cyan (41%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)



- Cyan (70%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5012097 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 5012097 by changing the saturation by 10% instead.

■ 5012097

■ 5012097

16777215

■ 3367272

■ 8433590

■ 1657168

■ 10144465

■ 13113

■ 11986670

■ 7715

■ 13828095

■ 270

■ 15728639

■ 0

■ 5012097

■ 5012097

■ 4159617

■ 5864577

■ 3307393

■ 6716801

■ 2454913

■ 7569281

■ 1602433

■ 8421761

■ 749953

■ 9208705

■ 28801

■ 10060929

■ 10913409

■ 11765889

■ 12618113

Harmonies

Analogous

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



5340019



5012097



5535883

Triad

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



5012097



8809344



8155735

Complementary

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



5012097



8475468

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.



8941147



5012097



9333106

Square

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



5012097



7827338



9398884



7173723

Rectangle

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



5012097



6190478



9398884



8417624

Sweetspot

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



5012097



9741992



5013842



4739924



13948116



5526612

Same Dimension

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



5012097



5676456



5005441



3751744



28544



0

Inverse Universe

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



8473722



11032221



8482124



4208959



8388719



0

Previews

White Background



This preview shows how the Decimal color 5012097 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 5012097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

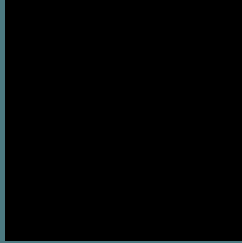
Any Text WCAG AA × Fail

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 5012097 Background



This preview shows how black text looks on a background with the Decimal color 5012097.

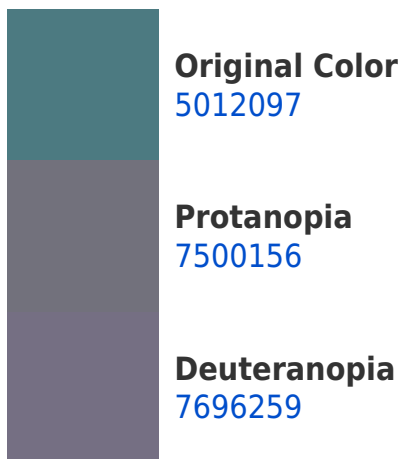


This preview shows how white text looks on a background with the Decimal color 5012097.

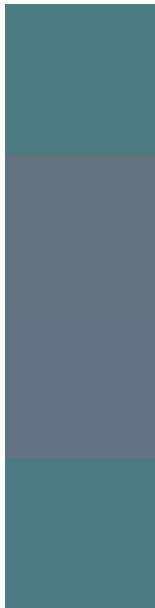
Color Blindness Simulation

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
5012097

Protanomaly
6583422

Deuteranomaly
6714242

Tritanomaly
5077634

Monochromacy



Original Color
5012097

Achromatopsia
7171437

Achromatomaly
6386292

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5012097 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 #4C7A81 looks like.

```
.text, #text, p{  
    color:#4C7A81  
}
```

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 #4C7A81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7A81
}
```

Border

The CSS property to change the border of an element to Decimal 5012097 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
#4C7A81 }
```

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

```
.border{ border-color:#4C7A81 }
```

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

Here you see how a box with a 4 pixel #4C7A81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7A81; -webkit-box-shadow:4px 4px  
4px 4px #4C7A81; box-shadow:4px 4px 4px  
4px #4C7A81 }
```

Background

The CSS property to change the background color of an element to Decimal 5012097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7A81 }
```

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

```
.background{ background-color:#4C7A81 }
```

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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