

Converting Colors

Decimal(5095601)

Have a look what the booklet for
Decimal(5095601) contains.

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Color

Decimal(5095601)

Conversions

Conversions Part 1

Format	Color
Hex	4DC0B1
RGB	77, 192, 177
RGB Percent	30%, 75%, 69%
CMY	0.6980, 0.2471, 0.3059
CMYK	0.60, 0.00, 0.08, 0.25
HSL	172°, 48%, 53%
HSV	172°, 60%, 75%
XYZ	29.8460, 42.4514, 48.2159
YIQ	155.9050, -63.7250, -29.0450

Conversions

Conversions Part 2

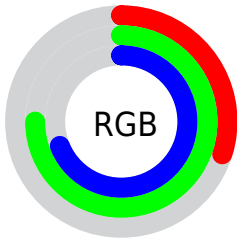
Format	Color
RYB	77, 139, 192
Decimal	5095601
CIELab	71.18, -35.93, -2.13
CIELCh	71, 35.994, 183.393
Yxy	42.4514, 0.2477, 0.3523
Android (android.graphics.Color)	4283285681 (0xFF4DC0B1)
YUV	155.9050, 10.3998, -69.1997
Hunter-Lab	65.1547, -32.2536, 1.7325

Details

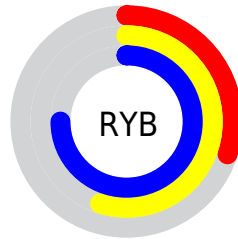
The Decimal color **5095601** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **12602716**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **9042409**, and **35453** is the 20% darker color. If you saturate the color by 10%, you get **3850414**, and if you desaturate by 10%, it is **6340788**.

Distribution



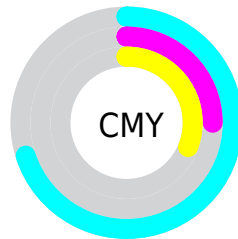
- Red (30%)
- Green (75%)
- Blue (69%)



- Red (30%)
- Yellow (55%)
- Blue (75%)



- Cyan (60%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)



- Cyan (70%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5095601 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 5095601 by changing the saturation by 10% instead.

■ 5095601

■ 5095601

16777215

■ 2794902

■ 9042409

■ 35453

■ 10944511

■ 28772

■ 12910591

■ 22348

■ 14811135

■ 16181

■ 10528

■ 2057

■ 0

■ 5095601

■ 5095601

■ 3850414

■ 6340788

■ 2605228

■ 7585974

■ 1294505

■ 8896697

■ 49319

■ 10141883

■ 11387070

■ 12632256

■ 13877443

■ 15188165

■ 16433352

Harmonies

Analogous

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



7847312



5095601



3325905

Triad

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



5095601



12035301



14459508

Complementary

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



5095601



12602716

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.



15571340



5095601



14392012

Square

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



5095601



8827119



15570348



12692844

Rectangle

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



5095601



4308194



15570348



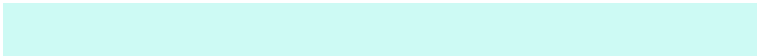
14917499

Sweetspot

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



5095601



13499124



6078541



6389113



16579836



8224125

Same Dimension

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



5095601



4651746



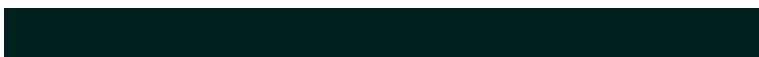
5084864



5726560



41356



8477

Inverse Universe

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



12602716



16402013



12613453



6379352



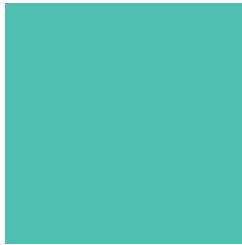
10551317



2162692

Previews

White Background



This preview shows how the Decimal color 5095601 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 5095601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

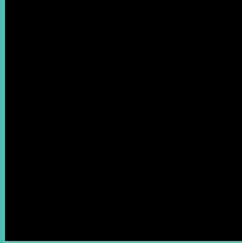
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

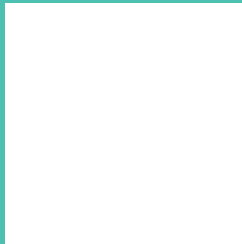
Any Text WCAG AAA ✓ Pass

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

Decimal 5095601 Background



This preview shows how black text looks on a background with the Decimal color 5095601.

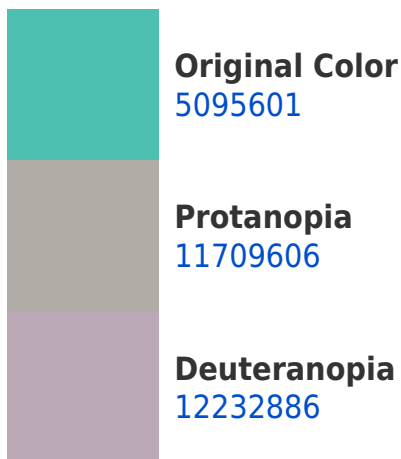


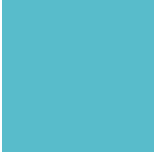
This preview shows how white text looks on a background with the Decimal color 5095601.

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
5815499

Trichromacy



Original Color
5095601



Protanomaly
9286570



Deuteranomaly
9613748



Tritanomaly
5553602

Monochromacy



Original Color
5095601



Achromatopsia
10263708



Achromatomaly
8366500

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5095601 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 #4DC0B1 looks like.

```
.text, #text, p{  
    color:#4DC0B1  
}
```

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 #4DC0B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC0B1
}
```

Border

The CSS property to change the border of an element to Decimal 5095601 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
#4DC0B1 }
```

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

```
.border{ border-color:#4DC0B1 }
```

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

Here you see how a box with a 4 pixel #4DC0B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC0B1; -webkit-box-shadow:4px 4px  
4px 4px #4DC0B1; box-shadow:4px 4px 4px  
4px #4DC0B1 }
```

Background

The CSS property to change the background color of an element to Decimal 5095601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC0B1 }
```

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

```
.background{ background-color:#4DC0B1 }
```

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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