

Converting Colors

Decimal(5095844)

Have a look what the booklet for
Decimal(5095844) contains.

Decimal(5095844)	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(5095844)

Conversions

Conversions Part 1

Format	Color
Hex	4DC1A4
RGB	77, 193, 164
RGB Percent	30%, 76%, 64%
CMY	0.6980, 0.2431, 0.3569
CMYK	0.60, 0.00, 0.15, 0.24
HSL	165°, 48%, 53%
HSV	165°, 60%, 76%
XYZ	28.8314, 42.3980, 41.7860
YIQ	155.0100, -59.8270, -33.6110

Conversions

Conversions Part 2

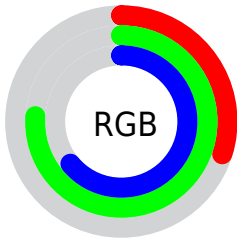
Format	Color
RYB	77, 143, 193
Decimal	5095844
CIELab	71.14, -39.67, 4.91
CIELCh	71, 39.972, 172.946
Yxy	42.3980, 0.2551, 0.3752
Android (android.graphics.Color)	4283285924 (0xFF4DC1A4)
YUV	155.0100, 4.4321, -68.4148
Hunter-Lab	65.1138, -34.9121, 7.5310

Details

The Decimal color **5095844** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **12668266**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **8977115**, and **35696** is the 20% darker color. If you saturate the color by 10%, you get **3850655**, and if you desaturate by 10%, it is **6341033**.

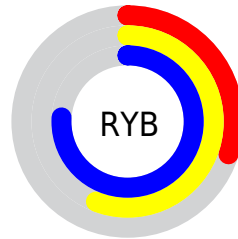
Distribution



Red (30%)

Green (76%)

Blue (64%)



Red (30%)

Yellow (56%)

Blue (76%)

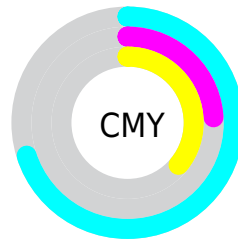


Cyan (60%)

Magenta (0%)

Yellow (15%)

Black (24%)



Cyan (70%)

Magenta (24%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5095844 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 5095844 by changing the saturation by 10% instead.



5095844



5095844

16777215



2860426



8977115



35696



10944503



29016



12845055



22337



14811135



16171



10518



2048



0



5095844



5095844

■ 3850655

■ 6341033

■ 2539930

■ 7651758

■ 1294742

■ 8896946

■ 49553

■ 10142135

■ 11387324

■ 12698049

■ 13943238

■ 15188427

■ 16499151

Harmonies

Analogous

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



8371585



5095844



49609

Triad

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



5095844



10922225



15244405

Complementary

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



5095844



12668266

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.



16094100



5095844



13933530

Square

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



5095844



6862070



15700664



13543781

Rectangle

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



5095844



49119



15700664



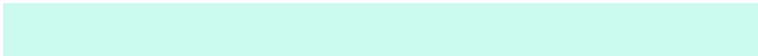
15636862

Sweetspot

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



5095844



13499119



6996301



6389110



16579836



8224125

Same Dimension

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



5095844



4651725



5088449



5726558



41336



8473

Inverse Universe

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



12668266



16402035



12675661



6379354



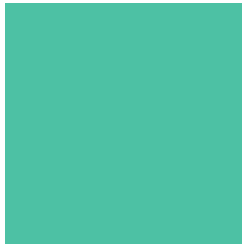
10551336



2162696

Previews

White Background



This preview shows how the Decimal color 5095844 looks on a white background.

Color Contrast Check

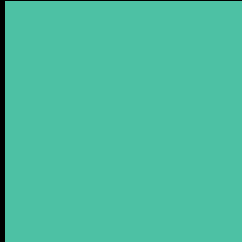
Large Text (above 18pt) WCAG AA × Fail

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 5095844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

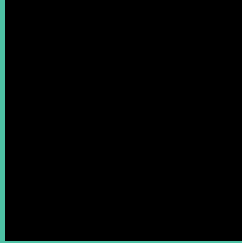
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

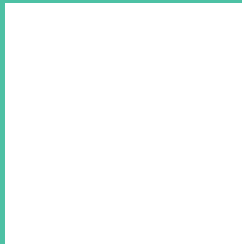
Any Text WCAG AAA ✓ Pass

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

Decimal 5095844 Background



This preview shows how black text looks on a background with the Decimal color 5095844.



This preview shows how white text looks on a background with the Decimal color 5095844.

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
6012107

Trichromacy



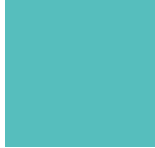
Original Color
5095844



Protanomaly
9417885



Deuteranomaly
9875624



Tritanomaly
5684925

Monochromacy



Original Color
5095844



Achromatopsia
10197915



Achromatomaly
8366494

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5095844 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 #4DC1A4 looks like.

```
.text, #text, p{  
    color:#4DC1A4  
}
```

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 #4DC1A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC1A4
}
```

Border

The CSS property to change the border of an element to Decimal 5095844 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
#4DC1A4 }
```

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

```
.border{ border-color:#4DC1A4 }
```

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

Here you see how a box with a 4 pixel #4DC1A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC1A4; -webkit-box-shadow:4px 4px  
4px 4px #4DC1A4; box-shadow:4px 4px 4px  
4px #4DC1A4 }
```

Background

The CSS property to change the background color of an element to Decimal 5095844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC1A4 }
```

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

```
.background{ background-color:#4DC1A4 }
```

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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