

Converting Colors

Decimal(5226960)

Have a look what the booklet for
Decimal(5226960) contains.

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Color

Decimal(5226960)

Conversions

Conversions Part 1	
Format	Color
Hex	4FC1D0
RGB	79, 193, 208
RGB Percent	31%, 76%, 82%
CMY	0.6902, 0.2431, 0.1843
CMYK	0.62, 0.07, 0.00, 0.18
HSL	187°, 58%, 56%
HSV	187°, 62%, 82%
XYZ	33.6796, 44.3563, 66.4610
YIQ	160.6240, -72.7590, -19.5030

Conversions

Conversions Part 2

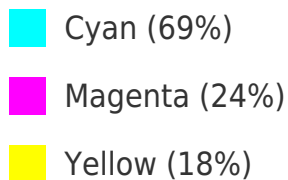
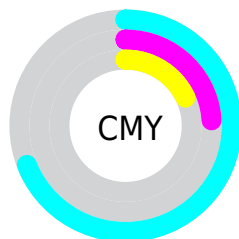
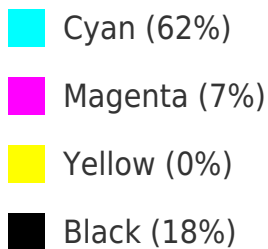
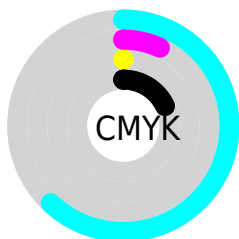
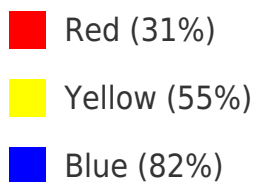
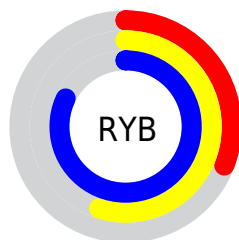
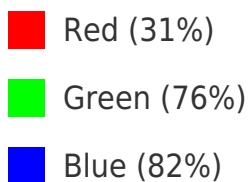
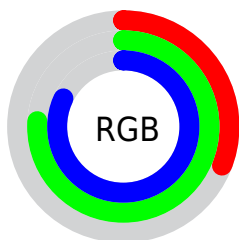
Format	Color
RYB	79, 140, 208
Decimal	5226960
CIELab	72.47, -27.50, -17.13
CIELCh	72, 32.398, 211.914
Yxy	44.3563, 0.2331, 0.3070
Android (android.graphics.Color)	4283417040 (0xFF4FC1D0)
YUV	160.6240, 23.3564, -71.5842
Hunter-Lab	66.6005, -26.2842, -12.5455

Details

The Decimal color **5226960** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **13655631**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **9304831**, and **35738** is the 20% darker color. If you saturate the color by 10%, you get **3850192**, and if you desaturate by 10%, it is **6603728**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Decimal color 5226960 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 5226960 by changing the saturation by 10% instead.

 5226960

 5226960

16777215


 2795188

 9304831

 35738

 11272191

 29056

 13172735

 22631

 15204351

 16719

 10808

 4386

 10

 0

 5226960

 5226960

 3850192

 6603728

 2473168

 7980752

 1161936

 9291984

 47312

 10669008

 12045776

 13422800

 14799568

 16110800

 16766928

Harmonies

Analogous

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



6406835



5226960



6536421

Triad

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



5226960



14262478



12890230

Complementary

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



5226960



13655631

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.



14526078



5226960



15440817

Square

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



5226960



12102116



15441556



10860927

Rectangle

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



5226960



8304620



15441556



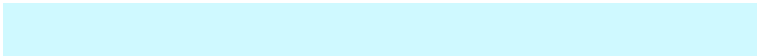
13544823

Sweetspot

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



5226960



13629951



5230684



6454400



0



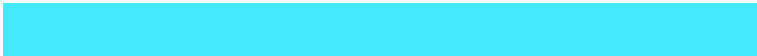
8421504

Same Dimension

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



5226960



4385279



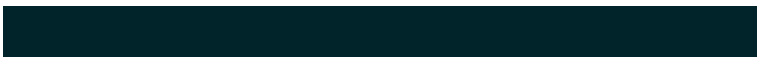
5211088



6186857



38312



9257

Inverse Universe

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



13651905



16728809



13671503



6905447



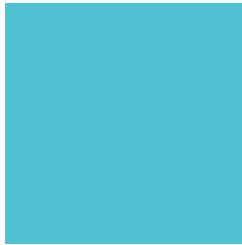
11010197



2687012

Previews

White Background



This preview shows how the Decimal color 5226960 looks on a white background.

Color Contrast Check

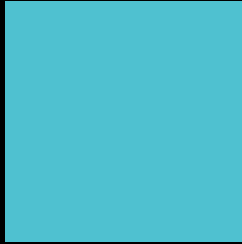
Large Text (above 18pt) WCAG AA × Fail

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 5226960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

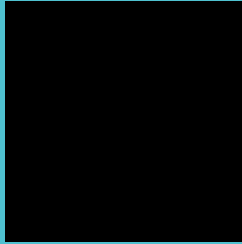
Any Text WCAG AA ✓ Pass

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 5226960 Background



This preview shows how black text looks on a background with the Decimal color 5226960.



This preview shows how white text looks on a background with the Decimal color 5226960.

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](#).

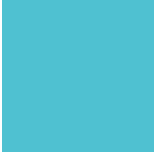
Dichromacy



Original Color
5226960

Protanopia
11448260

Deuteranopia
11578836



Tritanopia

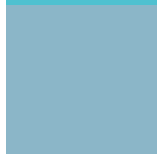
5226961

Trichromacy



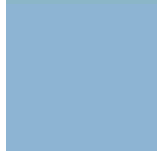
Original Color

5226960



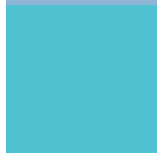
Protanomaly

9156296



Deuteranomaly

9286867



Tritanomaly

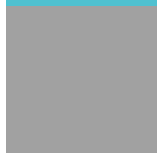
5226961

Monochromacy



Original Color

5226960



Achromatopsia

10592673



Achromatomaly

8629682

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5226960 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 #4FC1D0 looks like.

```
.text, #text, p{  
    color:#4FC1D0  
}
```

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 #4FC1D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FC1D0
}
```

Border

The CSS property to change the border of an element to Decimal 5226960 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
#4FC1D0 }
```

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

```
.border{ border-color:#4FC1D0 }
```

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

Here you see how a box with a 4 pixel #4FC1D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FC1D0; -webkit-box-shadow:4px 4px  
4px 4px #4FC1D0; box-shadow:4px 4px 4px  
4px #4FC1D0 }
```

Background

The CSS property to change the background color of an element to Decimal 5226960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FC1D0 }
```

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

```
.background{ background-color:#4FC1D0 }
```

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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