

Converting Colors

Decimal(5153476)

Have a look what the booklet for
Decimal(5153476) contains.

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Color

Decimal(5153476)

Conversions

Conversions Part 1

Format	Color
Hex	4EA2C4
RGB	78, 162, 196
RGB Percent	31%, 64%, 77%
CMY	0.6941, 0.3647, 0.2314
CMYK	0.60, 0.17, 0.00, 0.23
HSL	197°, 50%, 54%
HSV	197°, 60%, 77%
XYZ	26.0260, 31.4459, 56.9225
YIQ	140.7600, -60.9780, -7.2340

Conversions

Conversions Part 2

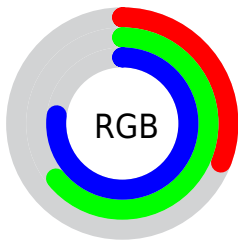
Format	Color
RYB	78, 127, 196
Decimal	5153476
CIELab	62.88, -15.33, -25.11
CIElCh	63, 29.420, 238.603
Yxy	31.4459, 0.2275, 0.2749
Android (android.graphics.Color)	4283343556 (0xFF4EA2C4)
YUV	140.7600, 27.2333, -55.0405
Hunter-Lab	56.0766, -15.2895, -20.9307

Details

The Decimal color **5153476** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **12873806**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **9034237**, and **28302** is the 20% darker color. If you saturate the color by 10%, you get **3841220**, and if you desaturate by 10%, it is **6465732**.

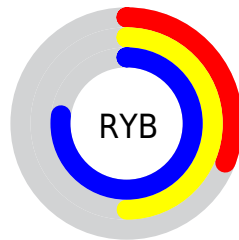
Distribution



Red (31%)

Green (64%)

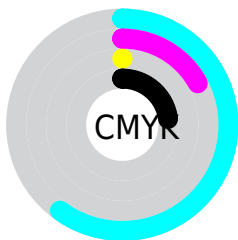
Blue (77%)



Red (31%)

Yellow (50%)

Blue (77%)

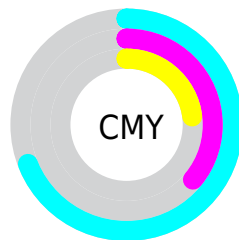


Cyan (60%)

Magenta (17%)

Yellow (0%)

Black (23%)



Cyan (69%)

Magenta (36%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5153476 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 5153476 by changing the saturation by 10% instead.

■ 5153476

■ 5153476

16777215

■ 2984105

■ 9034237

■ 28302

■ 10941951

■ 22132

■ 12845055

■ 16220

■ 14811135

■ 10564

■ 5166

■ 281

■ 0

■ 5153476

■ 5153476

■ 3841220

■ 6465732

■ 2594756

■ 7712196

■ 1282500

■ 9024452

■ 36036

■ 10271172

■ 11583172

■ 12895428

■ 14142148

■ 15454148

■ 16700868

Harmonies

Analogous

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



4236976



5153476



7576524

Triad

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



5153476



13206938



9477738

Complementary

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



5153476



12873806

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.



11245156



5153476



13338240

Square

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



5153476



12093876



12619116



7513212

Rectangle

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



5153476



9344457



12619116



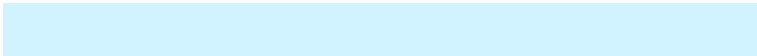
10132582

Sweetspot

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



5153476



13759231



5162095



6518656



0



8421504

Same Dimension

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



5153476



4705023



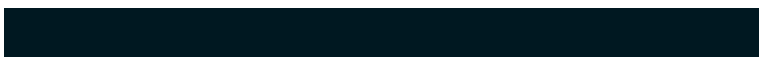
5138628



5725793



29345



6177

Inverse Universe

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



12865186



16730058



12888654



6379358



10551410



2162712

Previews

White Background



This preview shows how the Decimal color 5153476 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 5153476 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 5153476 Background



This preview shows how black text looks on a background with the Decimal color 5153476.




This preview shows how white text looks on a background with the Decimal color 5153476.

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](#).

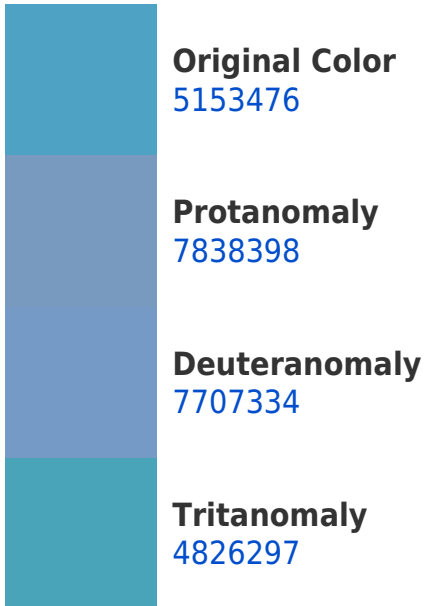
Dichromacy





Tritanopia
4629938

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5153476 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 #4EA2C4 looks like.

```
.text, #text, p{  
    color:#4EA2C4  
}
```

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 #4EA2C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EA2C4
}
```

Border

The CSS property to change the border of an element to Decimal 5153476 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
#4EA2C4 }
```

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

```
.border{ border-color:#4EA2C4 }
```

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

Here you see how a box with a 4 pixel #4EA2C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EA2C4; -webkit-box-shadow:4px 4px  
4px 4px #4EA2C4; box-shadow:4px 4px 4px  
4px #4EA2C4 }
```

Background

The CSS property to change the background color of an element to Decimal 5153476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EA2C4 }
```

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

```
.background{ background-color:#4EA2C4 }
```

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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