

Converting Colors

Decimal(5286882)

Have a look what the booklet for
Decimal(5286882) contains.

Decimal(5286882)	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(5286882)

Conversions

Conversions Part 1

Format	Color
Hex	50ABE2
RGB	80, 171, 226
RGB Percent	31%, 67%, 89%
CMY	0.6863, 0.3294, 0.1137
CMYK	0.65, 0.24, 0.00, 0.11
HSL	203°, 72%, 60%
HSV	203°, 65%, 89%
XYZ	31.5986, 36.3223, 77.2970
YIQ	150.0610, -71.8910, -2.1870

Conversions

Conversions Part 2

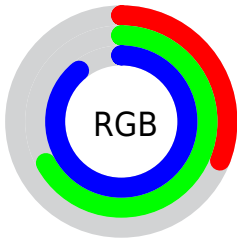
Format	Color
R _Y B	80, 136, 226
Decimal	5286882
CIE Lab	66.77, -10.37, -35.72
CIE LCh	67, 37.191, 253.806
Yxy	36.3223, 0.2176, 0.2501
Android (android.graphics.Color)	4283476962 (0xFF50ABE2)
YUV	150.0610, 37.4379, -61.4435
Hunter-Lab	60.2680, -11.8810, -33.8551

Details

The Decimal color **5286882** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **14845776**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **9364223**, and **30634** is the 20% darker color. If you saturate the color by 10%, you get **3777250**, and if you desaturate by 10%, it is **6796514**.

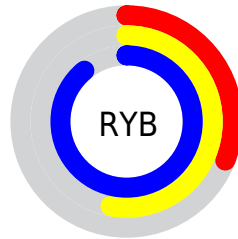
Distribution



Red (31%)

Green (67%)

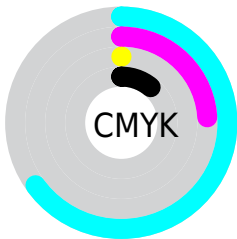
Blue (89%)



Red (31%)

Yellow (53%)

Blue (89%)

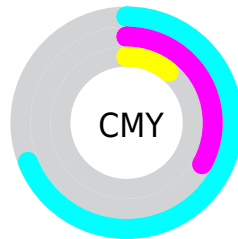


Cyan (65%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (69%)

Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5286882 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 5286882 by changing the saturation by 10% instead.

■ 5286882

■ 5286882

16777215

■ 2855366

■ 9364223

■ 30634

■ 11337727

■ 24208

■ 13303807

■ 18294

■ 15269887

■ 12637

■ 7493

■ 1070

■ 281

■ 0

■ 5286882

■ 5286882

■ 3777250

■ 6796514

■ 2333410

■ 8240354

■ 823778

■ 9749986

■ 36322

■ 11193826

■ 12703458

■ 14212834

■ 15656930

■ 16773090

■ 16775394

Harmonies

Analogous

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



504528



5286882



9150691

Triad

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



5286882



14977172



8695409

Complementary

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



5286882



14845776

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.



11117920



5286882



14520182

Square

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



5286882



14191542



13146722



5878671

Rectangle

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



5286882



11311322



13146722



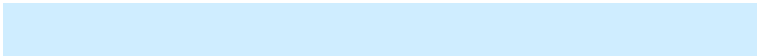
9546602

Sweetspot

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



5286882



13626879



5300870



6452352



0



8421504

Same Dimension

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



5286882



3716351



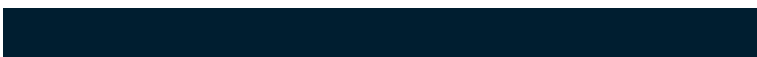
5268450



6646896



28336



7728

Inverse Universe

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



14831787



16726196



14864208



7365996



11534446



3145758

Previews

White Background



This preview shows how the Decimal color 5286882 looks on a white background.

Color Contrast Check

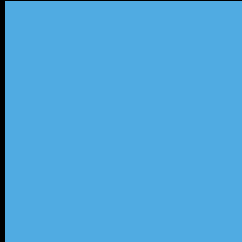
Large Text (above 18pt) WCAG AA × Fail

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 5286882 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

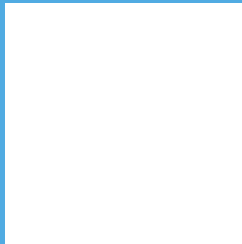
Any Text WCAG AAA ✓ Pass

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

Decimal 5286882 Background



This preview shows how black text looks on a background with the Decimal color 5286882.



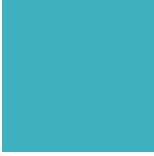
This preview shows how white text looks on a background with the Decimal color 5286882.

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
4108736

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5286882 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 #50ABE2 looks like.

```
.text, #text, p{  
    color:#50ABE2  
}
```

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 #50ABE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50ABE2
}
```

Border

The CSS property to change the border of an element to Decimal 5286882 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
#50ABE2 }
```

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

```
.border{ border-color:#50ABE2 }
```

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

Here you see how a box with a 4 pixel #50ABE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50ABE2; -webkit-box-shadow:4px 4px  
4px 4px #50ABE2; box-shadow:4px 4px 4px  
4px #50ABE2 }
```

Background

The CSS property to change the background color of an element to Decimal 5286882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50ABE2 }
```

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

```
.background{ background-color:#50ABE2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor