

Converting Colors

Decimal(5350618)

Have a look what the booklet for
Decimal(5350618) contains.

Decimal(5350618)	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(5350618)

Conversions

Conversions Part 1

Format	Color
Hex	51A4DA
RGB	81, 164, 218
RGB Percent	32%, 64%, 85%
CMY	0.6824, 0.3569, 0.1451
CMYK	0.63, 0.25, 0.00, 0.15
HSL	204°, 65%, 59%
HSV	204°, 63%, 85%
XYZ	29.3237, 33.3622, 71.2237
YIQ	145.3390, -66.8020, -0.8020

Conversions

Conversions Part 2

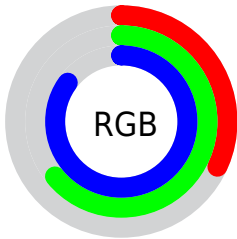
Format	Color
R_{YB}	81, 133, 218
Decimal	5350618
CIE Lab	64.45, -8.93, -34.90
CIE LCh	64, 36.025, 255.654
Yxy	33.3622, 0.2190, 0.2491
Android (android.graphics.Color)	4283540698 (0xFF51A4DA)
YUV	145.3390, 35.8219, -56.4253
Hunter-Lab	57.7600, -10.4589, -32.6783

Details

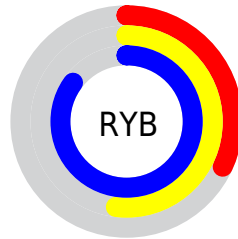
The Decimal color **5350618** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **14321489**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **9362431**, and **28835** is the 20% darker color. If you saturate the color by 10%, you get **3906522**, and if you desaturate by 10%, it is **6794714**.

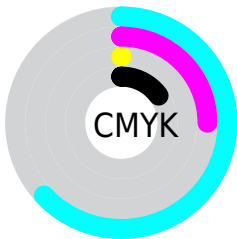
Distribution



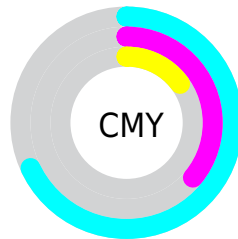
- Red (32%)
- Green (64%)
- Blue (85%)



- Red (32%)
- Yellow (52%)
- Blue (85%)



- Cyan (63%)
- Magenta (25%)
- Yellow (0%)
- Black (15%)



- Cyan (68%)
- Magenta (36%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5350618 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 5350618 by changing the saturation by 10% instead.

■ 5350618

■ 5350618

16777215

■ 3050174

■ 9362431

■ 28835

■ 11270143

■ 22664

■ 13238271

■ 16751

■ 15204351

■ 11094

■ 5950

■ 808

■ 274

■ 0

■ 5350618

■ 5350618

■ 3906522

■ 6794714

■ 2462682

■ 8238554

■ 1084122

■ 9617114

■ 34010

■ 11060954

■ 12505050

■ 13949146

■ 15392986

■ 16771546

■ 16773594

Harmonies

Analogous

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



1027017



5350618



9018074

Triad

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



5350618



14386316



8169582

Complementary

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



5350618



14321489

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.



10592349



5350618



13929072

Square

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



5350618



13731245



12555614



5483659

Rectangle

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



5350618



11047633



12555614



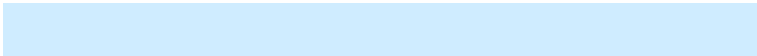
9020775

Sweetspot

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



5350618



13626623



5364358



6452352



0



8421504

Same Dimension

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



5350618



4240639



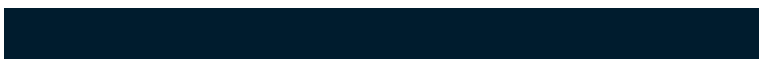
5333466



6515054



27053



7214

Inverse Universe

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



14307748



16728244



14338641



7234409



11337833



3014684

Previews

White Background



This preview shows how the Decimal color 5350618 looks on a white background.

Color Contrast Check

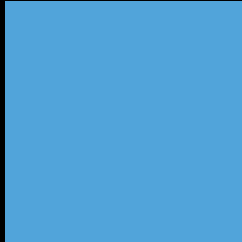
Large Text (above 18pt) WCAG AA × Fail

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 5350618 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 5350618 Background



This preview shows how black text looks on a background with the Decimal color 5350618.



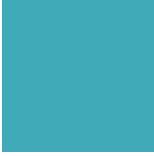
This preview shows how white text looks on a background with the Decimal color 5350618.

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
4238008

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5350618 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 #51A4DA looks like.

```
.text, #text, p{  
    color:#51A4DA  
}
```

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 #51A4DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A4DA
}
```

Border

The CSS property to change the border of an element to Decimal 5350618 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
#51A4DA }
```

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

```
.border{ border-color:#51A4DA }
```

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

Here you see how a box with a 4 pixel #51A4DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A4DA; -webkit-box-shadow:4px 4px  
4px 4px #51A4DA; box-shadow:4px 4px 4px  
4px #51A4DA }
```

Background

The CSS property to change the background color of an element to Decimal 5350618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A4DA }
```

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

```
.background{ background-color:#51A4DA }
```

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