

Converting Colors

Decimal(6138315)

Have a look what the booklet for
Decimal(6138315) contains.

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Color

Decimal(6138315)

Conversions

Conversions Part 1

Format	Color
Hex	5DA9CB
RGB	93, 169, 203
RGB Percent	36%, 66%, 80%
CMY	0.6353, 0.3373, 0.2039
CMYK	0.54, 0.17, 0.00, 0.20
HSL	199°, 51%, 58%
HSV	199°, 54%, 80%
XYZ	29.4817, 35.0149, 61.7046
YIQ	150.1520, -56.2100, -5.5380

Conversions

Conversions Part 2

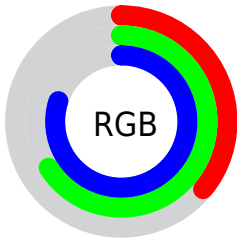
Format	Color
R_{YB}	93, 138, 203
Decimal	6138315
CIE _{Lab}	65.76, -13.95, -24.54
CIE _{LCh}	66, 28.231, 240.376
Yxy	35.0149, 0.2336, 0.2775
Android (android.graphics.Color)	4284328395 (0xFF5DA9CB)
YUV	150.1520, 26.0541, -50.1223
Hunter-Lab	59.1734, -14.6202, -20.4049

Details

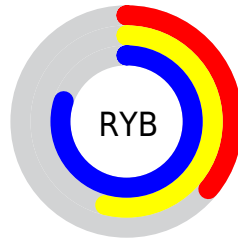
The Decimal color **6138315** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **13336413**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **9887999**, and **1799573** is the 20% darker color. If you saturate the color by 10%, you get **4826059**, and if you desaturate by 10%, it is **7450571**.

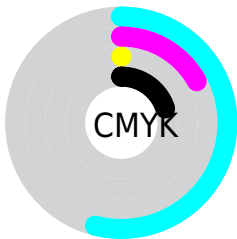
Distribution



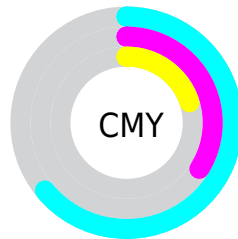
- Red (36%)
- Green (66%)
- Blue (80%)



- Red (36%)
- Yellow (54%)
- Blue (80%)



- Cyan (54%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)



- Cyan (64%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6138315 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 6138315 by changing the saturation by 10% instead.



6138315



6138315

16777215



4165552



9887999



1799573



11795967



23675



13697023



17762



15663103



11850



6963



542



0



6138315



6138315

4826059

7450571

3448011

8828619

2135755

10140875

823499

11453131

36043

12830923

14143435

15455691

16767947

16769483

Harmonies

Analogous

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



5221816



6138315



8364754

Triad

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



6138315



13667744



9873012

Complementary

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



6138315



13336413

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.



11640429



6138315



13799303

Square

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



6138315



12620217



13014645



7973766

Rectangle

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



6138315



10001615



13014645



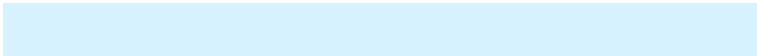
10527856

Sweetspot

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



6138315



14086911



6146942



6781056



0



8421504

Same Dimension

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



6138315



5885183



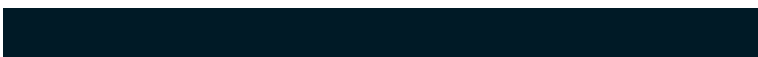
6124491



6054758



29606



6694

Inverse Universe

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



13327785



16734668



13350237



6708323



10879091



2490394

Previews

White Background



This preview shows how the Decimal color 6138315 looks on a white background.

Color Contrast Check

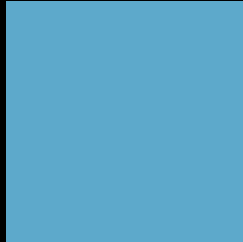
Large Text (above 18pt) WCAG AA × Fail

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 6138315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

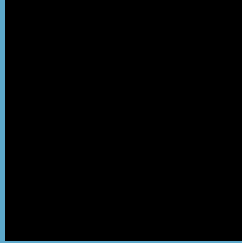
Any Text WCAG AA ✓ Pass

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 6138315 Background



This preview shows how black text looks on a background with the Decimal color 6138315.




This preview shows how white text looks on a background with the Decimal color 6138315.

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
5745850

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6138315 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 #5DA9CB looks like.

```
.text, #text, p{  
    color:#5DA9CB  
}
```

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 #5DA9CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA9CB
}
```

Border

The CSS property to change the border of an element to Decimal 6138315 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
#5DA9CB }
```

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

```
.border{ border-color:#5DA9CB }
```

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

Here you see how a box with a 4 pixel #5DA9CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA9CB; -webkit-box-shadow:4px 4px  
4px 4px #5DA9CB; box-shadow:4px 4px 4px  
4px #5DA9CB }
```

Background

The CSS property to change the background color of an element to Decimal 6138315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA9CB }
```

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

```
.background{ background-color:#5DA9CB }
```

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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