

Converting Colors

Decimal(6136768)

Have a look what the booklet for
Decimal(6136768) contains.

Decimal(6136768)	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(6136768)

Conversions

Conversions Part 1

Format	Color
Hex	5DA3C0
RGB	93, 163, 192
RGB Percent	36%, 64%, 75%
CMY	0.6353, 0.3608, 0.2471
CMYK	0.52, 0.15, 0.00, 0.25
HSL	198°, 44%, 56%
HSV	198°, 52%, 75%
XYZ	27.1258, 32.3273, 54.6793
YIQ	145.3760, -51.0290, -5.8210

Conversions

Conversions Part 2

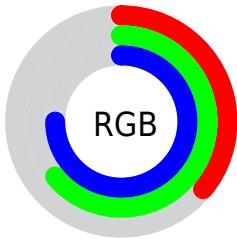
Format	Color
R_{YB}	93, 134, 192
Decimal	6136768
CIE _{Lab}	63.61, -13.96, -21.71
CIE _{LCh}	64, 25.811, 237.249
Yxy	32.3273, 0.2377, 0.2832
Android (android.graphics.Color)	4284326848 (0xFF5DA3C0)
YUV	145.3760, 22.9856, -45.9338
Hunter-Lab	56.8571, -14.3398, -17.2190

Details

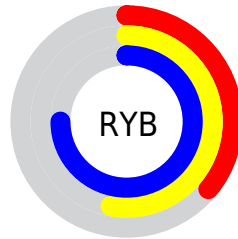
The Decimal color **6136768** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **12614237**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **9820920**, and **2060170** is the 20% darker color. If you saturate the color by 10%, you get **4890048**, and if you desaturate by 10%, it is **7383488**.

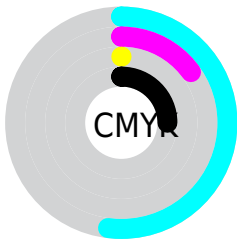
Distribution



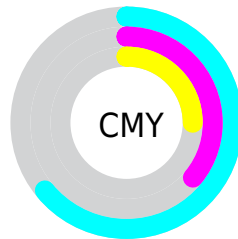
- Red (36%)
- Green (64%)
- Blue (75%)



- Red (36%)
- Yellow (53%)
- Blue (75%)



- Cyan (52%)
- Magenta (15%)
- Yellow (0%)
- Black (25%)



- Cyan (64%)
- Magenta (36%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6136768 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 6136768 by changing the saturation by 10% instead.

■ 6136768

■ 6136768

16777215

■ 4229541

■ 9820920

■ 2060170

■ 11728639

■ 22385

■ 13631487

■ 16216

■ 15532031

■ 10561

■ 5675

■ 278

■ 0

■ 6136768

■ 6136768

■ 4890048

■ 7383488

■ 3643584

■ 8629952

■ 2331328

■ 9942208

■ 1084864

■ 11188672

■ 35008

■ 12435392

■ 13682112

■ 14928576

■ 16240832

■ 16766656

Harmonies

Analogous

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



5482158



6136768



8035784

Triad

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



6136768



12945821



9740145

Complementary

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



6136768



12614237

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.



11376748



6136768



13142662

Square

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



6136768



11963827



12554356



8037505

Rectangle

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



6136768



9476294



12554356



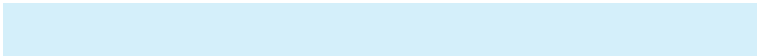
10329454

Sweetspot

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



6136768



13955066



6144121



6715005



16579836



8224125

Same Dimension

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



6136768



6278650



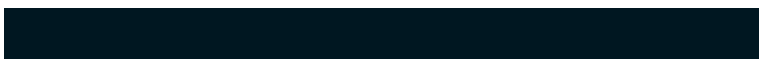
6124224



5725793



29345



5921

Inverse Universe

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



12606883



16408525



12626781



6379358



10551410



2162711

Previews

White Background



This preview shows how the Decimal color 6136768 looks on a white background.

Color Contrast Check

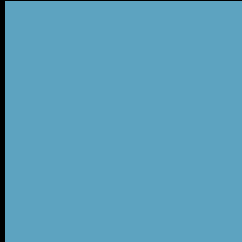
Large Text (above 18pt) WCAG AA × Fail

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 6136768 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 6136768 Background



This preview shows how black text looks on a background with the Decimal color 6136768.



This preview shows how white text looks on a background with the Decimal color 6136768.

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](#).

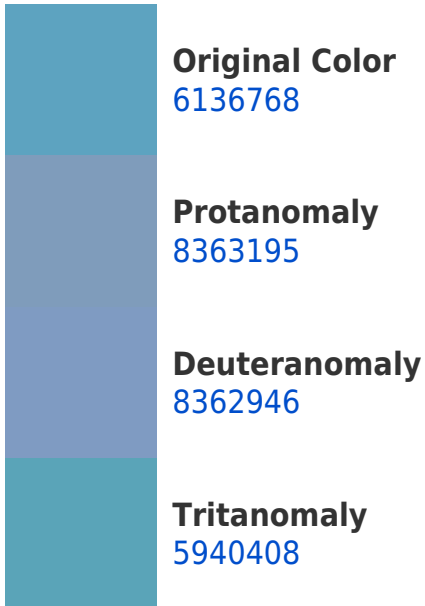
Dichromacy





Tritanopia
5809587

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6136768 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 #5DA3C0 looks like.

```
.text, #text, p{  
    color:#5DA3C0  
}
```

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 #5DA3C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA3C0
}
```

Border

The CSS property to change the border of an element to Decimal 6136768 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
#5DA3C0 }
```

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

```
.border{ border-color:#5DA3C0 }
```

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

Here you see how a box with a 4 pixel #5DA3C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA3C0; -webkit-box-shadow:4px 4px  
4px 4px #5DA3C0; box-shadow:4px 4px 4px  
4px #5DA3C0 }
```

Background

The CSS property to change the background color of an element to Decimal 6136768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA3C0 }
```

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

```
.background{ background-color:#5DA3C0 }
```

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