

# Converting Colors

Decimal(6142408)

Have a look what the booklet for  
Decimal(6142408) contains.

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# **Color**

**Decimal(6142408)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DB9C8
RGB	93, 185, 200
RGB Percent	36%, 73%, 78%
CMY	0.6353, 0.2745, 0.2157
CMYK	0.53, 0.08, 0.00, 0.22
HSL	188°, 49%, 57%
HSV	188°, 54%, 78%
XYZ	32.2885, 41.1952, 60.8933
YIQ	159.2020, -59.6470, -14.8390

# Conversions

## Conversions Part 2

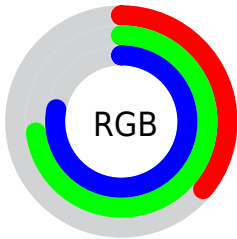
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 142, 200
Decimal	6142408
CIE <sub>Lab</sub>	70.31, -23.16, -15.96
CIE <sub>LCh</sub>	70, 28.128, 214.579
Yxy	41.1952, 0.2403, 0.3066
Android (android.graphics.Color)	4284332488 (0xFF5DB9C8)
YUV	159.2020, 20.1134, -58.0592
Hunter-Lab	64.1835, -22.5240, -11.3222

# Details

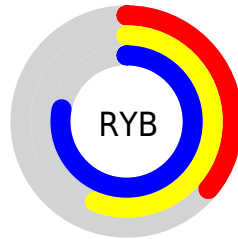
The Decimal color **6142408** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **13134941**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **9957887**, and **1606802** is the 20% darker color. If you saturate the color by 10%, you get **4830920**, and if you desaturate by 10%, it is **7453896**.

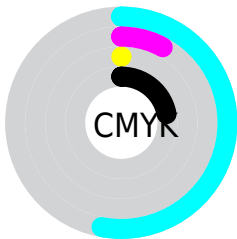
# Distribution



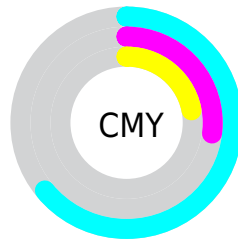
- Red (36%)
- Green (73%)
- Blue (78%)



- Red (36%)
- Yellow (56%)
- Blue (78%)



- Cyan (53%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (27%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6142408 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 6142408 by changing the saturation by 10% instead.



6142408

6142408

16777215

4103853

9957887

1606802

11862015

27256

13762559

21088

15728639

14920

9521

1053

0

6142408

6142408

■ 4830920

■ 7453896

■ 3519432

■ 8765384

■ 2208200

■ 10076616

■ 896712

■ 11388104

■ 44232

■ 12699592

■ 14011080

■ 15322568

■ 16633800

■ 16765640

# Harmonies

## Analogous

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



6797999



6142408



7255257

# Triad

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



6142408



13671618



12233849

# Complementary

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



6142408



13134941

# 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.



13738878



6142408



14588329

# Square

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



6142408



11904214



14589072



10466177

# Rectangle

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



6142408



8761566



14589072



12822905

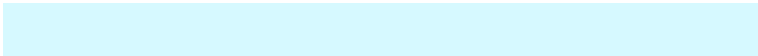


# Sweetspot

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



6142408



14088703



6146155



6782080



0



8421504



# Same Dimension

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



6142408



6088959



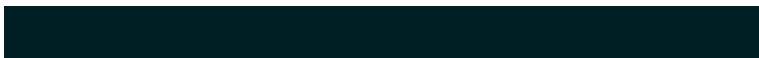
6128840



5923427



36003



7972



# Inverse Universe

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



13131193



16735464



13148509



6511202



10682508

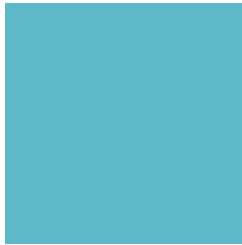


2359327



# Previews

## White Background



This preview shows how the Decimal color 6142408 looks on a white background.

## Color Contrast Check

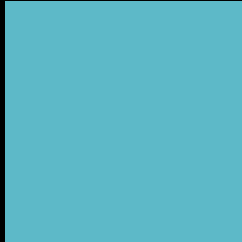
Large Text (above 18pt) WCAG AA × Fail

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 6142408 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 6142408 Background



This preview shows how black text looks on a background with the Decimal color 6142408.



This preview shows how white text looks on a background with the Decimal color 6142408.

# 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



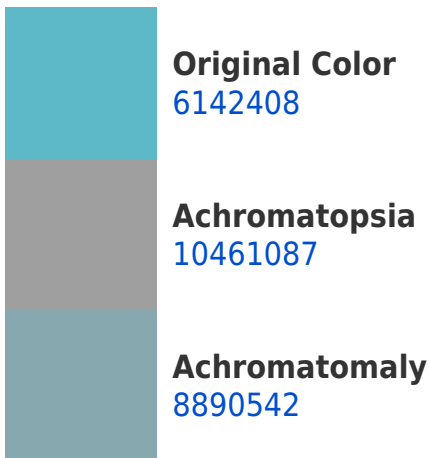


**Tritanopia**  
6142408

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6142408 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 #5DB9C8 looks like.

```
.text, #text, p{  
    color:#5DB9C8  
}
```

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 #5DB9C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB9C8
}
```

## Border

The CSS property to change the border of an element to Decimal 6142408 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
#5DB9C8 }
```

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

```
.border{ border-color:#5DB9C8 }
```

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

Here you see how a box with a 4 pixel #5DB9C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB9C8; -webkit-box-shadow:4px 4px  
4px 4px #5DB9C8; box-shadow:4px 4px 4px  
4px #5DB9C8 }
```

# Background

The CSS property to change the background color of an element to Decimal 6142408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB9C8 }
```

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

```
.background{ background-color:#5DB9C8 }
```

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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