

Converting Colors

Decimal(6072262)

Have a look what the booklet for
Decimal(6072262) contains.

Decimal(6072262)	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(6072262)

Conversions

Conversions Part 1

Format	Color
Hex	5CA7C6
RGB	92, 167, 198
RGB Percent	36%, 65%, 78%
CMY	0.6392, 0.3451, 0.2235
CMYK	0.54, 0.16, 0.00, 0.22
HSL	198°, 48%, 57%
HSV	198°, 54%, 78%
XYZ	28.4254, 33.9900, 58.4886
YIQ	148.1090, -54.6510, -6.2590

Conversions

Conversions Part 2

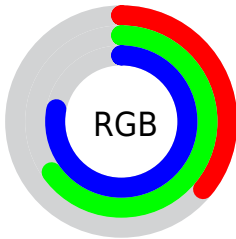
Format	Color
R _Y B	92, 136, 198
Decimal	6072262
CIE Lab	64.95, -14.57, -23.00
CIE LCh	65, 27.231, 237.644
Yxy	33.9900, 0.2351, 0.2811
Android (android.graphics.Color)	4284262342 (0xFF5CA7C6)
YUV	148.1090, 24.5963, -49.2076
Hunter-Lab	58.3009, -14.9965, -18.6703

Details

The Decimal color **6072262** 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 **13007708**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **9821951**, and **1799056** is the 20% darker color. If you saturate the color by 10%, you get **4760006**, and if you desaturate by 10%, it is **7384518**.

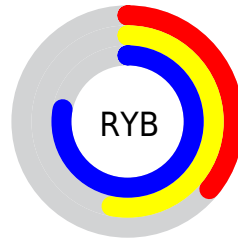
Distribution



Red (36%)

Green (65%)

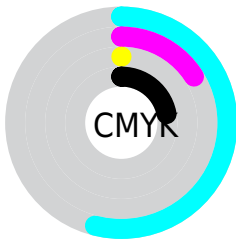
Blue (78%)



Red (36%)

Yellow (53%)

Blue (78%)

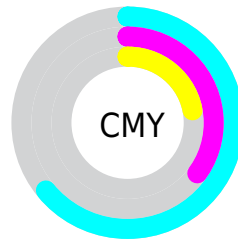


Cyan (54%)

Magenta (16%)

Yellow (0%)

Black (22%)



Cyan (64%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6072262 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 6072262 by changing the saturation by 10% instead.



6072262



6072262

16777215



4099499



9821951



1799056



11729919



23158



13631487



17246



15532031



11590



6447



282



0



6072262



6072262

4760006

7384518

3447750

8696774

2201286

9943238

889030

11255494

36038

12567750

13880006

15192262

16438726

16767942

Harmonies

Analogous

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



5352371



6072262



8102094

Triad

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



6072262



13339808



9937778

Complementary

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



6072262



13007708

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.



11639661



6072262



13536648

Square

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



6072262



12292280



12882805



8104067

Rectangle

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



6072262



9673676



12882805



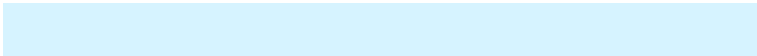
10527087

Sweetspot

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



6072262



14087167



6080122



6781056



0



8421504

Same Dimension

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



6072262



6082559



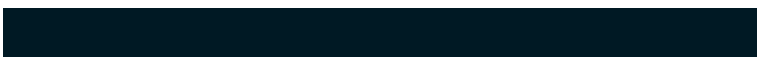
6058950



5923171



29603



6436

Inverse Universe

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



12999847



16735439



13021020



6511201



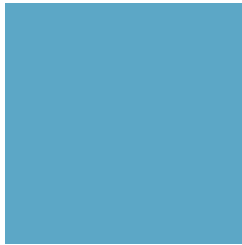
10682483



2359321

Previews

White Background



This preview shows how the Decimal color 6072262 looks on a white background.

Color Contrast Check

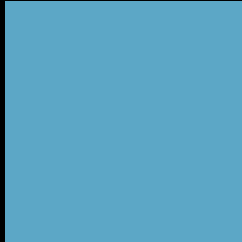
Large Text (above 18pt) WCAG AA × Fail

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 6072262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

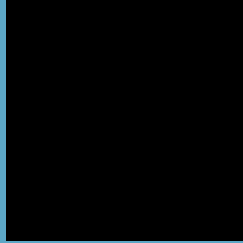
Any Text WCAG AA ✓ Pass

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 6072262 Background



This preview shows how black text looks on a background with the Decimal color 6072262.

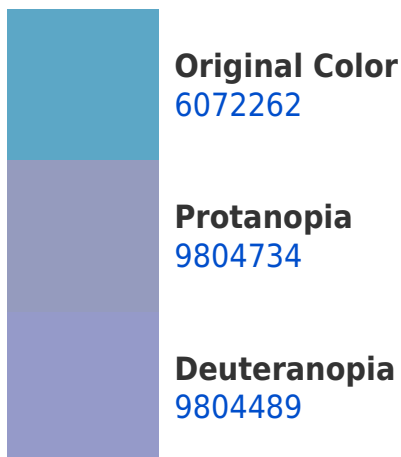


This preview shows how white text looks on a background with the Decimal color 6072262.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6072262 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 #5CA7C6 looks like.

```
.text, #text, p{  
    color:#5CA7C6  
}
```

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 #5CA7C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA7C6  
}
```

Border

The CSS property to change the border of an element to Decimal 6072262 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  
#5CA7C6 }
```

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

```
.border{ border-color:#5CA7C6 }
```

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

Here you see how a box with a 4 pixel #5CA7C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA7C6; -webkit-box-shadow:4px 4px  
4px 4px #5CA7C6; box-shadow:4px 4px 4px  
4px #5CA7C6 }
```

Background

The CSS property to change the background color of an element to Decimal 6072262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA7C6 }
```

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

```
.background{ background-color:#5CA7C6 }
```

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