

Converting Colors

Decimal(6140102)

Have a look what the booklet for
Decimal(6140102) contains.

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Color

Decimal(6140102)

Conversions

Conversions Part 1

Format	Color
Hex	5DB0C6
RGB	93, 176, 198
RGB Percent	36%, 69%, 78%
CMY	0.6353, 0.3098, 0.2235
CMYK	0.53, 0.11, 0.00, 0.22
HSL	193°, 48%, 57%
HSV	193°, 53%, 78%
XYZ	30.2326, 37.4550, 59.0622
YIQ	153.6910, -56.5300, -10.7540

Conversions

Conversions Part 2

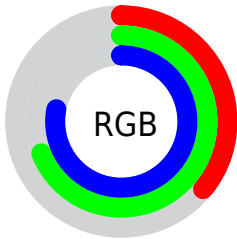
Format	Color
RYB	93, 139, 198
Decimal	6140102
CIELab	67.62, -19.11, -18.94
CIELCh	68, 26.906, 224.750
Yxy	37.4550, 0.2385, 0.2955
Android (android.graphics.Color)	4284330182 (0xFF5DB0C6)
YUV	153.6910, 21.8443, -53.2260
Hunter-Lab	61.2005, -18.9233, -14.3781

Details

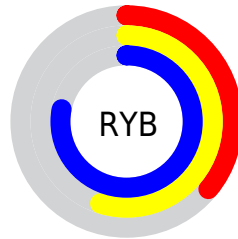
The Decimal color **6140102** is a light color, and the websafe version is hex **669999**. The color can be described as light muted azure. A complement of this color would be **13005661**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **9890047**, and **1801104** is the 20% darker color. If you saturate the color by 10%, you get **4828358**, and if you desaturate by 10%, it is **7451846**.

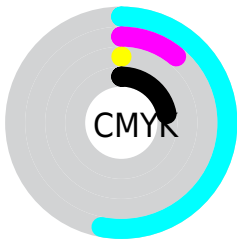
Distribution



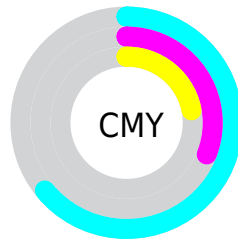
- Red (36%)
- Green (69%)
- Blue (78%)



- Red (36%)
- Yellow (55%)
- Blue (78%)



- Cyan (53%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6140102 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 6140102 by changing the saturation by 10% instead.

6140102

6140102

16777215

4167083

9890047

1801104

11796479

25206

13697023

19038

15663103

13126

7984

283

0

6140102

6140102

■ 4828358

■ 7451846

■ 3516614

■ 8763590

■ 2270406

■ 10009798

■ 958406

■ 11321798

■ 40390

■ 12633542

■ 13945286

■ 15257030

■ 16503238

■ 16766406

Harmonies

Analogous

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



6206128



6140102



7711699

Triad

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



6140102



13472946



11183990

Complementary

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



6140102



13005661

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.



12689270



6140102



14062489

Square

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



6140102



12032711



13735812



9416066

Rectangle

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



6140102



9152213



13735812



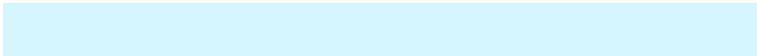
11707508

Sweetspot

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



6140102



14087935



6145650



6781568



0



8421504

Same Dimension

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



6140102



6086143



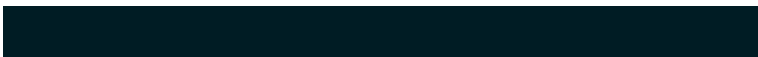
6127046



5923171



33187



7204

Inverse Universe

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



13000112



16735453



13018973



6511201



10682497



2359324

Previews

White Background



This preview shows how the Decimal color 6140102 looks on a white background.

Color Contrast Check

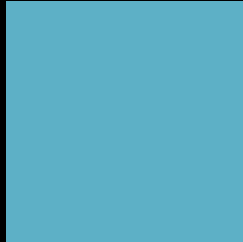
Large Text (above 18pt) WCAG AA × Fail

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 6140102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

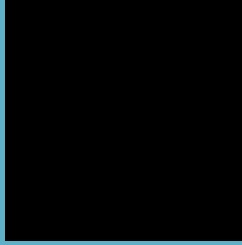
Any Text WCAG AA ✓ Pass

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 6140102 Background



This preview shows how black text looks on a background with the Decimal color 6140102.

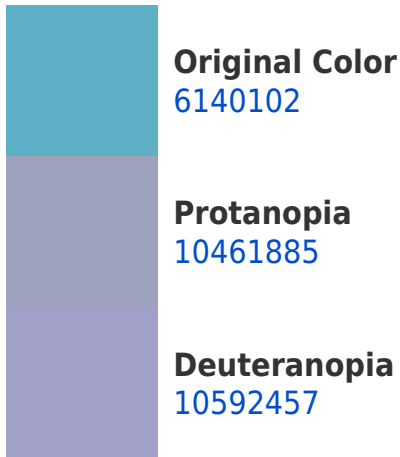


This preview shows how white text looks on a background with the Decimal color 6140102.

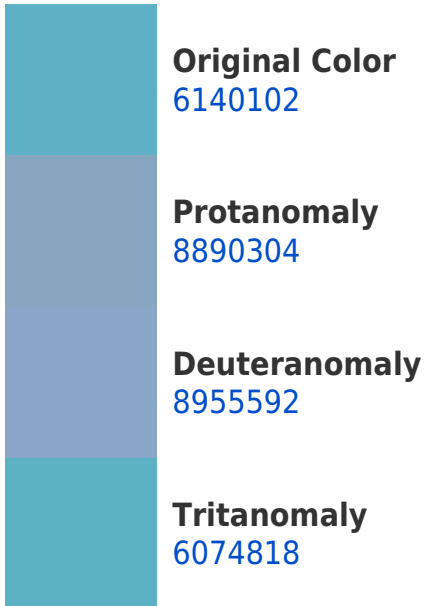
Color Blindness Simulation

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 6140102 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 #5DB0C6 looks like.

```
.text, #text, p{  
    color:#5DB0C6  
}
```

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 #5DB0C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB0C6  
}
```

Border

The CSS property to change the border of an element to Decimal 6140102 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  
#5DB0C6 }
```

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

```
.border{ border-color:#5DB0C6 }
```

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

Here you see how a box with a 4 pixel #5DB0C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB0C6; -webkit-box-shadow:4px 4px  
4px 4px #5DB0C6; box-shadow:4px 4px 4px  
4px #5DB0C6 }
```

Background

The CSS property to change the background color of an element to Decimal 6140102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB0C6 }
```

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

```
.background{ background-color:#5DB0C6 }
```

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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