

Converting Colors

Decimal(6280102)

Have a look what the booklet for
Decimal(6280102) contains.

Decimal(6280102)	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(6280102)

Conversions

Conversions Part 1

Format	Color
Hex	5FD3A6
RGB	95, 211, 166
RGB Percent	37%, 83%, 65%
CMY	0.6275, 0.1725, 0.3490
CMYK	0.55, 0.00, 0.21, 0.17
HSL	157°, 57%, 60%
HSV	157°, 55%, 83%
XYZ	34.8965, 51.7746, 44.2307
YIQ	171.1860, -54.6910, -38.5870

Conversions

Conversions Part 2

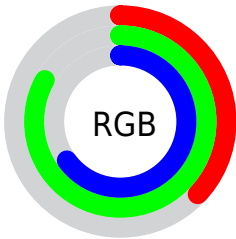
Format	Color
RYB	95, 167, 211
Decimal	6280102
CIELab	77.15, -43.46, 12.47
CIELCh	77, 45.217, 163.985
Yxy	51.7746, 0.2666, 0.3955
Android (android.graphics.Color)	4284470182 (0xFF5FD3A6)
YUV	171.1860, -2.5567, -66.8151
Hunter-Lab	71.9546, -39.3516, 13.9225

Details

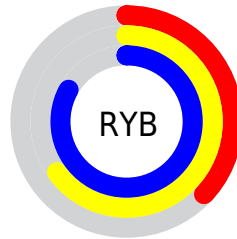
The Decimal color **6280102** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **13852556**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **10092509**, and **1678450** is the 20% darker color. If you saturate the color by 10%, you get **4903838**, and if you desaturate by 10%, it is **7656366**.

Distribution



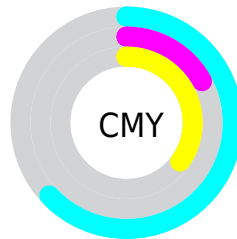
- Red (37%)
- Green (83%)
- Blue (65%)



- Red (37%)
- Yellow (65%)
- Blue (83%)



- Cyan (55%)
- Magenta (0%)
- Yellow (21%)
- Black (17%)



- Cyan (63%)
- Magenta (17%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6280102 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 6280102 by changing the saturation by 10% instead.



6280102



6280102

16777215



4241292



10092509



1678450



12058618



33113



13959167



26434



15925247



20012



13847



8448



0



6280102



6280102

 4903838

 7656366

 3527574

 9032630

 2151309

 10408895

 775045

 11785159

 54145

 13226959

 14603223

 15979487

 16765927

 16765936

Harmonies

Analogous

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



9948545



6280102



54737

Triad

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



6280102



10534143



16754310

Complementary

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



6280102



13852556

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.



16752044



6280102



14462203

Square

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



6280102



5229055



16752855



15578222

Rectangle

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



6280102



54252



16752855



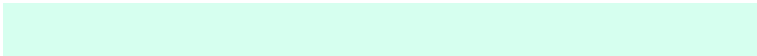
16753298

Sweetspot

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



6280102



14090223



9294687



6783094



0



8421504

Same Dimension

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



6280102



5767102



6277075



6187364



43111



10521

Inverse Universe

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



13852556



16734104



13855583



6905442



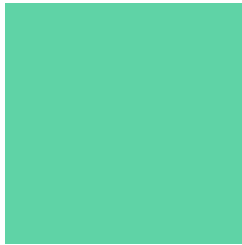
11010113



2686992

Previews

White Background



This preview shows how the Decimal color 6280102 looks on a white background.

Color Contrast Check

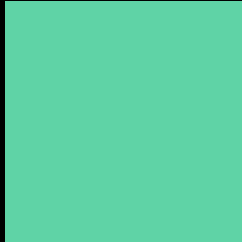
Large Text (above 18pt) WCAG AA × Fail

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 6280102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

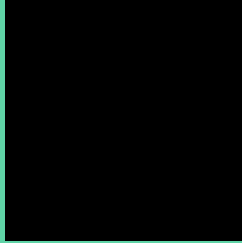
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

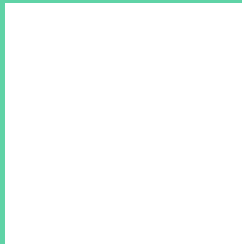
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6280102 Background



This preview shows how black text looks on a background with the Decimal color 6280102.



This preview shows how white text looks on a background with the Decimal color 6280102.

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
7392476

Trichromacy



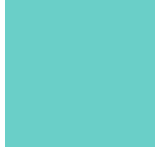
Original Color
6280102



Protanomaly
10667423



Deuteranomaly
11256234

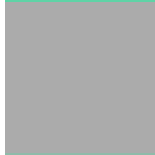


Tritanomaly
7000008

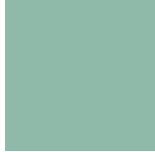
Monochromacy



Original Color
6280102



Achromatopsia
11250603



Achromatomaly
9419433

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6280102 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 #5FD3A6 looks like.

```
.text, #text, p{  
    color:#5FD3A6  
}
```

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 #5FD3A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD3A6
}
```

Border

The CSS property to change the border of an element to Decimal 6280102 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
#5FD3A6 }
```

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

```
.border{ border-color:#5FD3A6 }
```

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

Here you see how a box with a 4 pixel #5FD3A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD3A6; -webkit-box-shadow:4px 4px  
4px 4px #5FD3A6; box-shadow:4px 4px 4px  
4px #5FD3A6 }
```

Background

The CSS property to change the background color of an element to Decimal 6280102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD3A6 }
```

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

```
.background{ background-color:#5FD3A6 }
```

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