

Converting Colors

Decimal(7198114)

Have a look what the booklet for
Decimal(7198114) contains.

Decimal(7198114)	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(7198114)

Conversions

Conversions Part 1

Format	Color
Hex	6DD5A2
RGB	109, 213, 162
RGB Percent	43%, 84%, 64%
CMY	0.5725, 0.1647, 0.3647
CMYK	0.49, 0.00, 0.24, 0.16
HSL	151°, 55%, 63%
HSV	151°, 49%, 84%
XYZ	36.6225, 53.4483, 42.5688
YIQ	176.0900, -45.6130, -37.9090

Conversions

Conversions Part 2

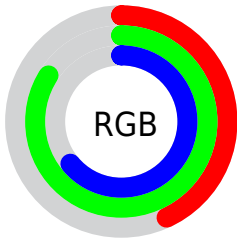
Format	Color
RYB	109, 178, 213
Decimal	7198114
CIELab	78.14, -41.93, 16.07
CIELCh	78, 44.907, 159.037
Yxy	53.4483, 0.2761, 0.4030
Android (android.graphics.Color)	4285388194 (0xFF6DD5A2)
YUV	176.0900, -6.9464, -58.8379
Hunter-Lab	73.1084, -38.5228, 16.6531

Details

The Decimal color **7198114** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **13987232**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **10944473**, and **3251822** is the 20% darker color. If you saturate the color by 10%, you get **5821848**, and if you desaturate by 10%, it is **8574380**.

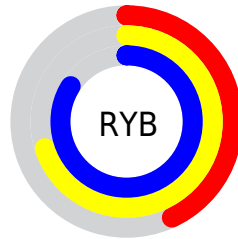
Distribution



Red (43%)

Green (84%)

Blue (64%)



Red (43%)

Yellow (70%)

Blue (84%)

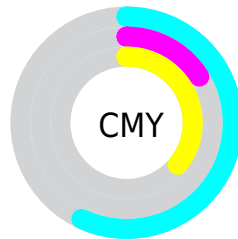


Cyan (49%)

Magenta (0%)

Yellow (24%)

Black (16%)



Cyan (57%)

Magenta (16%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7198114 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 7198114 by changing the saturation by 10% instead.

 7198114

 7198114

16777215

 5290376

 10944473

 3251822

 12845045

 164694

 14745599

 26942

16711679

 20520

 14355

 8960

 0

 7198114

 7198114

■ 5821848

■ 8574380

■ 4380045

■ 10016183

■ 3003779

■ 11392449

■ 1627512

■ 12768716

■ 185710

■ 14144982

■ 54637

■ 15586785

■ 16766443

■ 16766454

■ 16766463

Harmonies

Analogous

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



10669695



7198114



1955789

Triad

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



7198114



10011135



16754575

Complementary

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



7198114



13987232

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.



16752822



7198114



14070527

Square

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



7198114



4509439



16753888



16102772

Rectangle

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



7198114



55016



16753888



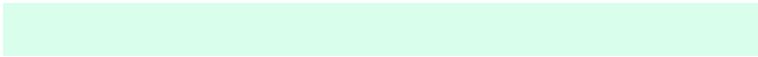
16753819

Sweetspot

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



7198114



14286828



10605933



6914164



0



8421504

Same Dimension

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



7198114



6946741



7198165



6318950



43863



11030

Inverse Universe

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



13987232



16738738



13987181



7037030



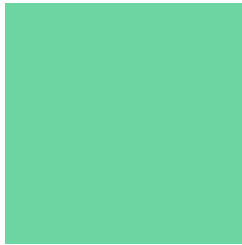
11206740



2818069

Previews

White Background



This preview shows how the Decimal color 7198114 looks on a white background.

Color Contrast Check

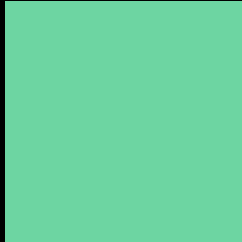
Large Text (above 18pt) WCAG AA × Fail

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 7198114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

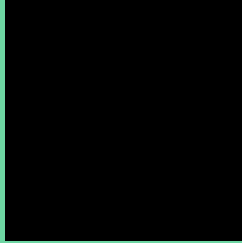
Any Text WCAG AA ✓ Pass

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 7198114 Background



This preview shows how black text looks on a background with the Decimal color 7198114.



This preview shows how white text looks on a background with the Decimal color 7198114.

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
8244702

Trichromacy



Original Color

7198114



Protanomaly

11126940



Deuteranomaly

11781030



Tritanomaly

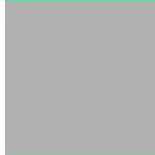
7852232

Monochromacy



Original Color

7198114



Achromatopsia

11579568



Achromatomaly

10010027

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7198114 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 #6DD5A2 looks like.

```
.text, #text, p{  
    color:#6DD5A2  
}
```

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 #6DD5A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DD5A2
}
```

Border

The CSS property to change the border of an element to Decimal 7198114 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
#6DD5A2 }
```

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

```
.border{ border-color:#6DD5A2 }
```

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

Here you see how a box with a 4 pixel #6DD5A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DD5A2; -webkit-box-shadow:4px 4px  
4px 4px #6DD5A2; box-shadow:4px 4px 4px  
4px #6DD5A2 }
```

Background

The CSS property to change the background color of an element to Decimal 7198114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DD5A2 }
```

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

```
.background{ background-color:#6DD5A2 }
```

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