

Converting Colors

Decimal(6412186)

Have a look what the booklet for
Decimal(6412186) contains.

Decimal(6412186)	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(6412186)

Conversions

Conversions Part 1

Format	Color
Hex	61D79A
RGB	97, 215, 154
RGB Percent	38%, 84%, 60%
CMY	0.6196, 0.1569, 0.3961
CMYK	0.55, 0.00, 0.28, 0.16
HSL	149°, 60%, 61%
HSV	149°, 55%, 84%
XYZ	35.0629, 53.4754, 39.0456
YIQ	172.7640, -50.7470, -43.9870

Conversions

Conversions Part 2

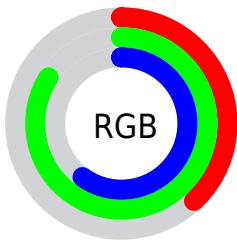
Format	Color
RYB	97, 177, 215
Decimal	6412186
CIELab	78.15, -47.24, 20.24
CIELCh	78, 51.398, 156.804
Yxy	53.4754, 0.2748, 0.4191
Android (android.graphics.Color)	4284602266 (0xFF61D79A)
YUV	172.7640, -9.2507, -66.4450
Hunter-Lab	73.1268, -42.3846, 19.5313

Details

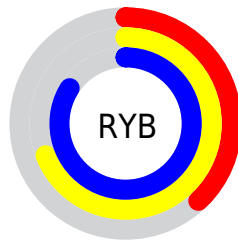
The Decimal color **6412186** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **14115230**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **10223569**, and **1875815** is the 20% darker color. If you saturate the color by 10%, you get **5035919**, and if you desaturate by 10%, it is **7788453**.

Distribution



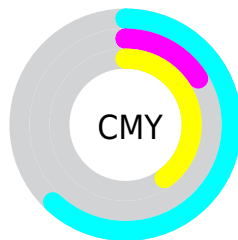
- Red (38%)
- Green (84%)
- Blue (60%)



- Red (38%)
- Yellow (69%)
- Blue (84%)



- Cyan (55%)
- Magenta (0%)
- Yellow (28%)
- Black (16%)



- Cyan (62%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6412186 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 6412186 by changing the saturation by 10% instead.



6412186



6412186

16777215



4373376



10223569



1875815



12189677



34126



14090239



27191



16056319



20769



14603



8960



0



6412186



6412186

■ 5035919

■ 7788453

■ 3594116

■ 9230256

■ 2217849

■ 10672059

■ 776046

■ 12048326

■ 55144

■ 13490130

■ 14866397

■ 16242664

■ 16766963

■ 16766974

Harmonies

Analogous

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



10604402



6412186



56011

Triad

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



6412186



8897535



16753035

Complementary

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



6412186



14115230

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.



16751288



6412186



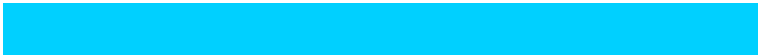
13939199

Square

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



6412186



53503



16752872



16626026

Rectangle

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



6412186



55787



16752872



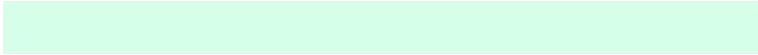
16752025

Sweetspot

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



6412186



14090218



10540897



6783091



0



8421504

Same Dimension

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



6412186



5767080



6412243



6318950



43859



11029

Inverse Universe

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



14115230



16734126



14115173



7037030



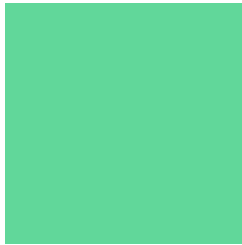
11206744



2818070

Previews

White Background



This preview shows how the Decimal color 6412186 looks on a white background.

Color Contrast Check

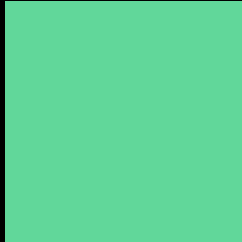
Large Text (above 18pt) WCAG AA × Fail

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 6412186 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 6412186 Background



This preview shows how black text looks on a background with the Decimal color 6412186.



This preview shows how white text looks on a background with the Decimal color 6412186.

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
7720671

Trichromacy



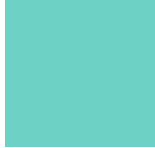
Original Color
6412186



Protanomaly
10930323



Deuteranomaly
11584670

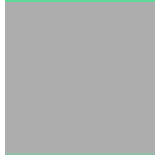


Tritanomaly
7262662

Monochromacy



Original Color
6412186



Achromatopsia
11382189



Achromatomaly
9551014

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6412186 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 #61D79A looks like.

```
.text, #text, p{  
    color:#61D79A  
}
```

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 #61D79A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61D79A
}
```

Border

The CSS property to change the border of an element to Decimal 6412186 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
#61D79A }
```

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

```
.border{ border-color:#61D79A }
```

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

Here you see how a box with a 4 pixel #61D79A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61D79A; -webkit-box-shadow:4px 4px  
4px 4px #61D79A; box-shadow:4px 4px 4px  
4px #61D79A }
```

Background

The CSS property to change the background color of an element to Decimal 6412186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61D79A }
```

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

```
.background{ background-color:#61D79A }
```

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