

Converting Colors

Decimal(6146983)

Have a look what the booklet for
Decimal(6146983) contains.

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Color

Decimal(6146983)

Conversions

Conversions Part 1

Format	Color
Hex	5DCBA7
RGB	93, 203, 167
RGB Percent	36%, 80%, 65%
CMY	0.6353, 0.2039, 0.3451
CMYK	0.54, 0.00, 0.18, 0.20
HSL	160°, 51%, 58%
HSV	160°, 54%, 80%
XYZ	32.8452, 47.8290, 44.0600
YIQ	166.0060, -54.0040, -34.5160

Conversions

Conversions Part 2

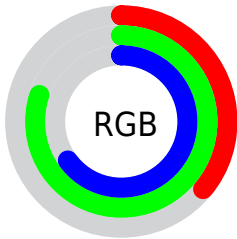
Format	Color
RYB	93, 159, 203
Decimal	6146983
CIELab	74.72, -40.15, 8.48
CIELCh	75, 41.036, 168.077
Yxy	47.8290, 0.2633, 0.3834
Android (android.graphics.Color)	4284337063 (0xFF5DCBA7)
YUV	166.0060, 0.4900, -64.0263
Hunter-Lab	69.1585, -36.2532, 10.6381

Details

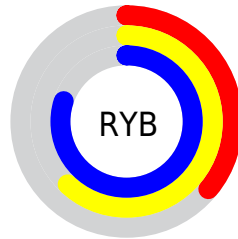
The Decimal color **6146983** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **13327745**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **9961438**, and **1676403** is the 20% darker color. If you saturate the color by 10%, you get **4836256**, and if you desaturate by 10%, it is **7457710**.

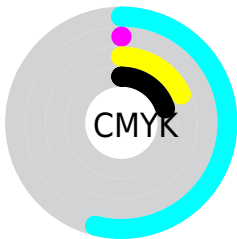
Distribution



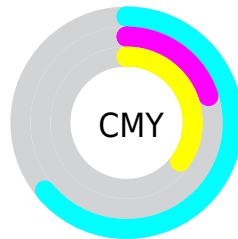
- Red (36%)
- Green (80%)
- Blue (65%)



- Red (36%)
- Yellow (62%)
- Blue (80%)



- Cyan (54%)
- Magenta (0%)
- Yellow (18%)
- Black (20%)



- Cyan (64%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6146983 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 6146983 by changing the saturation by 10% instead.



6146983



6146983

16777215



4173709



9961438



1676403



11862011



31323



13762559



24643



15728639



18477



12312



6400



0



6146983



6146983

■ 4836256

■ 7457710

■ 3459994

■ 8833972

■ 2149267

■ 10144699

■ 838540

■ 11455426

■ 52105

■ 12831688

■ 14142415

■ 15453142

■ 16763868

■ 16763875

Harmonies

Analogous

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



9422468



6146983



1821902

Triad

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



6146983



10925311



16294785

Complementary

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



6146983



13327745

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.



16751522



6146983



14198507

Square

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



6146983



6668543



16293065



14594158

Rectangle

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



6146983



51941



16293065



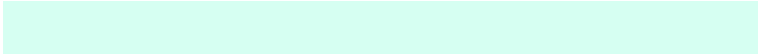
16621707

Sweetspot

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



6146983



14090226



8571741



6783096



0



8421504

Same Dimension

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



6146983



5898185



6142411



6055523



42608



9754

Inverse Universe

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



13327745



16734607



13332317



6708319



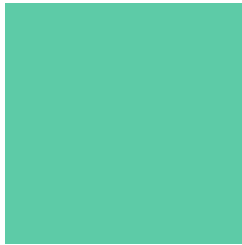
10879030



2490381

Previews

White Background



This preview shows how the Decimal color 6146983 looks on a white background.

Color Contrast Check

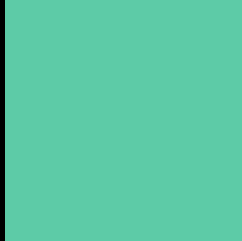
Large Text (above 18pt) WCAG AA × Fail

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 6146983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

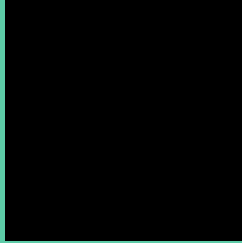
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

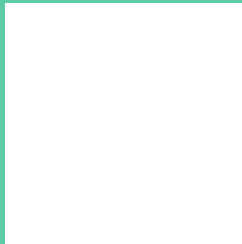
Any Text WCAG AAA ✓ Pass

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

Decimal 6146983 Background



This preview shows how black text looks on a background with the Decimal color 6146983.



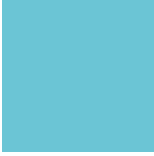
This preview shows how white text looks on a background with the Decimal color 6146983.

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](#).

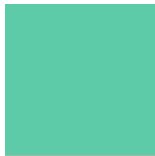
Dichromacy





Tritanopia
7062997

Trichromacy



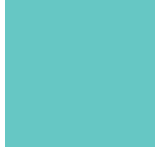
Original Color
6146983



Protanomaly
10272416



Deuteranomaly
10795691



Tritanomaly
6735812

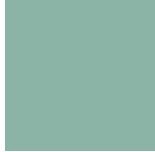
Monochromacy



Original Color
6146983



Achromatopsia
10921638



Achromatomaly
9155494

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6146983 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 #5DCBA7 looks like.

```
.text, #text, p{  
  color:#5DCBA7  
}
```

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 #5DCBA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DCBA7
}
```

Border

The CSS property to change the border of an element to Decimal 6146983 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
#5DCBA7 }
```

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

```
.border{ border-color:#5DCBA7 }
```

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

Here you see how a box with a 4 pixel #5DCBA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DCBA7; -webkit-box-shadow:4px 4px  
4px 4px #5DCBA7; box-shadow:4px 4px 4px  
4px #5DCBA7 }
```

Background

The CSS property to change the background color of an element to Decimal 6146983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DCBA7 }
```

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

```
.background{ background-color:#5DCBA7 }
```

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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