

Converting Colors

Decimal(6147006)

Have a look what the booklet for
Decimal(6147006) contains.

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Color

Decimal(6147006)

Conversions

Conversions Part 1

Format	Color
Hex	5DCBBE
RGB	93, 203, 190
RGB Percent	36%, 80%, 75%
CMY	0.6353, 0.2039, 0.2549
CMYK	0.54, 0.00, 0.06, 0.20
HSL	173°, 51%, 58%
HSV	173°, 54%, 80%
XYZ	35.1644, 48.7567, 56.2728
YIQ	168.6280, -61.3870, -27.3630

Conversions

Conversions Part 2

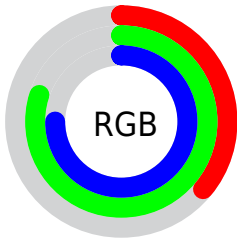
Format	Color
RYB	93, 151, 203
Decimal	6147006
CIELab	75.30, -34.59, -3.09
CIELCh	75, 34.728, 185.100
Yxy	48.7567, 0.2508, 0.3478
Android (android.graphics.Color)	4284337086 (0xFF5DCBBE)
YUV	168.6280, 10.5364, -66.3258
Hunter-Lab	69.8260, -32.3029, 1.0964

Details

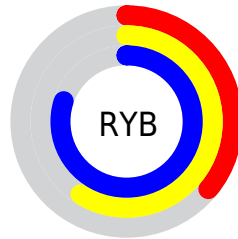
The Decimal color **6147006** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **13327722**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **10026998**, and **1348745** is the 20% darker color. If you saturate the color by 10%, you get **4836284**, and if you desaturate by 10%, it is **7457728**.

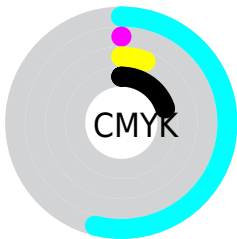
Distribution



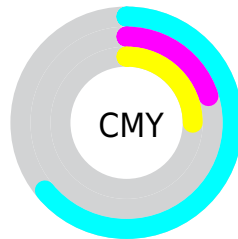
- Red (36%)
- Green (80%)
- Blue (75%)



- Red (36%)
- Yellow (59%)
- Blue (80%)



- Cyan (54%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (64%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6147006 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 6147006 by changing the saturation by 10% instead.



6147006



6147006

16777215



4108195



10026998



1348745



11927551



31343



13828095



24919



15794175



18496



12586



7190



0



6147006



6147006

■ 4836284

■ 7457728

■ 3460025

■ 8833987

■ 2149303

■ 10144709

■ 838580

■ 11455432

■ 52147

■ 12831690

■ 14142412

■ 15453135

■ 16763857

■ 16763860

Harmonies

Analogous

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



8571293



6147006



4967133

Triad

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



6147006



12955630



15117952

Complementary

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



6147006



13327722

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.



16164246



6147006



15181269

Square

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



6147006



9944057



16294325



13285753

Rectangle

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



6147006



5883629



16294325



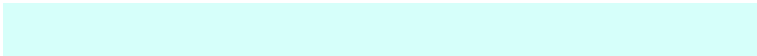
15575942

Sweetspot

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



6147006



14090234



7129949



6783101



0



8421504

Same Dimension

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



6147006



5898219



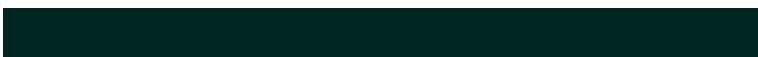
6136779



6055525



42642



9762

Inverse Universe

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



13327722



16734573



13337949



6708317



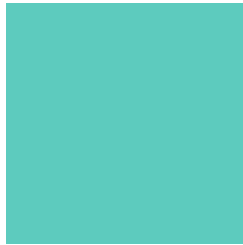
10878996



2490373

Previews

White Background



This preview shows how the Decimal color 6147006 looks on a white background.

Color Contrast Check

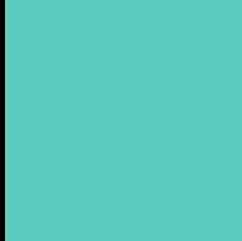
Large Text (above 18pt) WCAG AA × Fail

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 6147006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

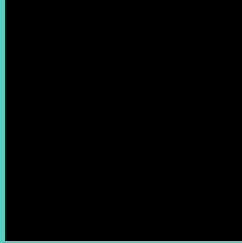
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

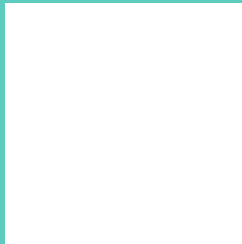
Any Text WCAG AAA ✓ Pass

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

Decimal 6147006 Background



This preview shows how black text looks on a background with the Decimal color 6147006.



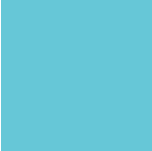
This preview shows how white text looks on a background with the Decimal color 6147006.

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
6735831

Trichromacy



Original Color
6147006



Protanomaly
10141367



Deuteranomaly
10468545

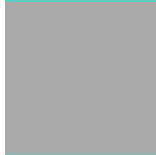


Tritanomaly
6539470

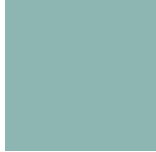
Monochromacy



Original Color
6147006



Achromatopsia
11119017



Achromatomaly
9287089

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6147006 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 #5DCBBE looks like.

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

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 #5DCBBE colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 6147006 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
#5DCBBE }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 6147006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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