

Converting Colors

Decimal(6216377)

Have a look what the booklet for
Decimal(6216377) contains.

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Color

Decimal(6216377)

Conversions

Conversions Part 1

Format	Color
Hex	5EDAB9
RGB	94, 218, 185
RGB Percent	37%, 85%, 73%
CMY	0.6314, 0.1451, 0.2745
CMYK	0.57, 0.00, 0.15, 0.15
HSL	164°, 63%, 61%
HSV	164°, 57%, 85%
XYZ	38.4445, 56.0253, 54.6867
YIQ	177.1620, -63.3110, -36.5510

Conversions

Conversions Part 2

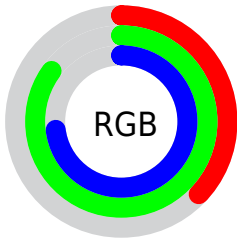
Format	Color
RYB	94, 166, 218
Decimal	6216377
CIELab	79.63, -42.42, 5.90
CIELCh	80, 42.826, 172.084
Yxy	56.0253, 0.2577, 0.3756
Android (android.graphics.Color)	4284406457 (0xFF5EDAB9)
YUV	177.1620, 3.8641, -72.9331
Hunter-Lab	74.8500, -39.3064, 9.0768

Details

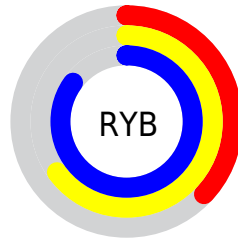
The Decimal color **6216377** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **14311039**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **10158065**, and **1024644** is the 20% darker color. If you saturate the color by 10%, you get **4774579**, and if you desaturate by 10%, it is **7658175**.

Distribution



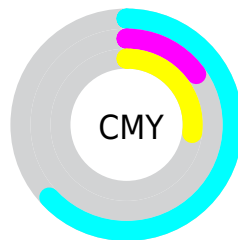
- Red (37%)
- Green (85%)
- Blue (73%)



- Red (37%)
- Yellow (65%)
- Blue (85%)



- Cyan (57%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)



- Cyan (63%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6216377 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 6216377 by changing the saturation by 10% instead.



6216377



6216377

16777215



4112030



10158065



1024644



12058623



34667



14024703



27987



15990783



21564



15398



10001



0



6216377



6216377

4774579

7658175

3332781

9099973

1956520

10476234

514722

11918032

55968

13359830

14801628

16243426

16767719

16767725

Harmonies

Analogous

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



9688467



6216377



1759970

Triad

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



6216377



12238847



16757384

Complementary

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



6216377



14311039

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.



16754857



6216377



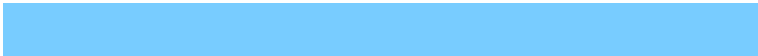
15577591

Square

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



6216377



7916799



16754642



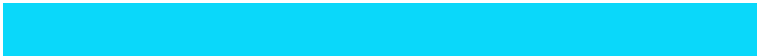
15318902

Rectangle

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



6216377



710906



16754642



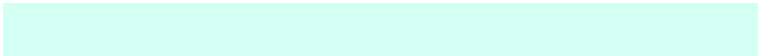
16756114

Sweetspot

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



6216377



13959155



8378974



6717561



0



8421504

Same Dimension

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



6216377



5439441



6208986



6516331



44415



11810

Inverse Universe

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



14311039



16732800



14318430



7234406



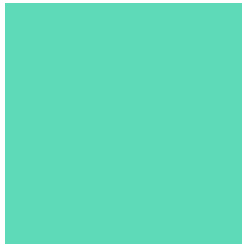
11337774



3014668

Previews

White Background



This preview shows how the Decimal color 6216377 looks on a white background.

Color Contrast Check

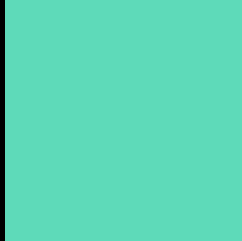
Large Text (above 18pt) WCAG AA × Fail

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 6216377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

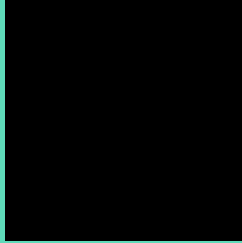
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

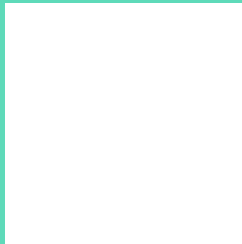
Any Text WCAG AAA ✓ Pass

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

Decimal 6216377 Background



This preview shows how black text looks on a background with the Decimal color 6216377.



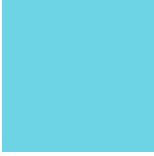
This preview shows how white text looks on a background with the Decimal color 6216377.

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
7197925

Trichromacy



Original Color
6216377



Protanomaly
10865585



Deuteranomaly
11323581

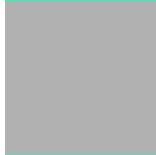


Tritanomaly
6870741

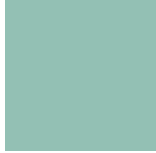
Monochromacy



Original Color
6216377



Achromatopsia
11645361



Achromatomaly
9683124

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6216377 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 #5EDAB9 looks like.

```
.text, #text, p{  
  color:#5EDAB9  
}
```

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 #5EDAB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EDAB9
}
```

Border

The CSS property to change the border of an element to Decimal 6216377 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
#5EDAB9 }
```

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

```
.border{ border-color:#5EDAB9 }
```

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

Here you see how a box with a 4 pixel #5EDAB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EDAB9; -webkit-box-shadow:4px 4px  
4px 4px #5EDAB9; box-shadow:4px 4px 4px  
4px #5EDAB9 }
```

Background

The CSS property to change the background color of an element to Decimal 6216377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EDAB9 }
```

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

```
.background{ background-color:#5EDAB9 }
```

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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