

Converting Colors

Decimal(6287819)

Have a look what the booklet for
Decimal(6287819) contains.

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Color

Decimal(6287819)

Conversions

Conversions Part 1

Format	Color
Hex	5FF1CB
RGB	95, 241, 203
RGB Percent	37%, 95%, 80%
CMY	0.6275, 0.0549, 0.2039
CMYK	0.61, 0.00, 0.16, 0.05
HSL	164°, 84%, 66%
HSV	164°, 61%, 95%
XYZ	46.9541, 69.6553, 67.4700
YIQ	193.0140, -74.8180, -42.7700

Conversions

Conversions Part 2

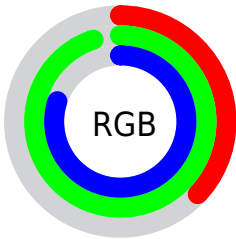
Format	Color
R_{YB}	95, 179, 241
Decimal	6287819
CIE _{Lab}	86.83, -47.96, 6.78
CIE _{LCh}	87, 48.440, 171.954
Yxy	69.6553, 0.2551, 0.3784
Android (android.graphics.Color)	4284477899 (0xFF5FF1CB)
YUV	193.0140, 4.9231, -85.9583
Hunter-Lab	83.4597, -45.6312, 10.4910

Details

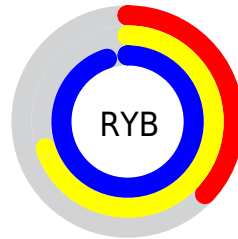
The Decimal color **6287819** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **15818629**, and the grayscale version is **12698049**.

A 20% lighter version of the original color is **10420223**, and **47253** is the 20% darker color. If you saturate the color by 10%, you get **4714949**, and if you desaturate by 10%, it is **7860689**.

Distribution



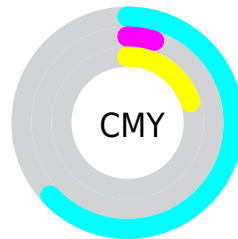
- Red (37%)
- Green (95%)
- Blue (80%)



- Red (37%)
- Yellow (70%)
- Blue (95%)



- Cyan (61%)
- Magenta (0%)
- Yellow (16%)
- Black (5%)



- Cyan (63%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6287819 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 6287819 by changing the saturation by 10% instead.

6287819

6287819

16777215

3921072

10420223

47253

12386303

40315

14417919

33378

16383999

26698

20276

13855

8199

0

■ 6287819

■ 6287819

■ 4714949

■ 7860689

■ 3142078

■ 9433560

■ 1569208

■ 11006430

■ 61874

■ 12579300

■ 14152170

■ 15790577

■ 16773623

■ 16773629

■ 16773631

Harmonies

Analogous

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



10546335



6287819



61946

Triad

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



6287819



13423359



16761491

Complementary

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



6287819



15818629

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.



16758713



6287819



16761343

Square

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



6287819



8184575



16758504



16765566

Rectangle

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



6287819



61439



16758504



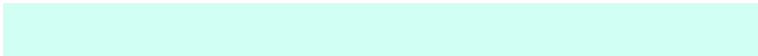
16760478

Sweetspot

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



6287819



13762547



8843615



6520952



0



8421504

Same Dimension

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



6287819



4587471



6279153



7108725



47240



14377

Inverse Universe

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



15818629



16729461



15827295



7892079



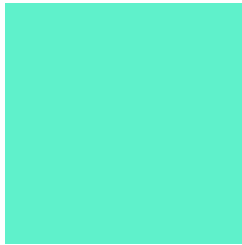
12058672



3670031

Previews

White Background



This preview shows how the Decimal color 6287819 looks on a white background.

Color Contrast Check

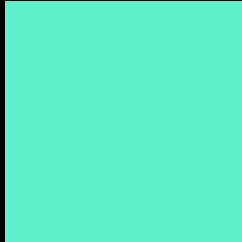
Large Text (above 18pt) WCAG AA × Fail

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 6287819 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 6287819 Background



This preview shows how black text looks on a background with the Decimal color 6287819.



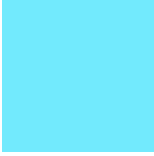
This preview shows how white text looks on a background with the Decimal color 6287819.

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
7531261

Trichromacy



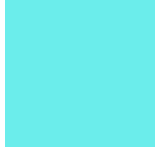
Original Color
6287819



Protanomaly
11722946



Deuteranomaly
12312015

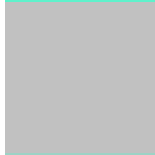


Tritanomaly
7073259

Monochromacy



Original Color
6287819



Achromatopsia
12698049



Achromatomaly
10343109

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6287819 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 #5FF1CB looks like.

```
.text, #text, p{  
    color:#5FF1CB  
}
```

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 #5FF1CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FF1CB
}
```

Border

The CSS property to change the border of an element to Decimal 6287819 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
#5FF1CB }
```

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

```
.border{ border-color:#5FF1CB }
```

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

Here you see how a box with a 4 pixel #5FF1CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FF1CB; -webkit-box-shadow:4px 4px  
4px 4px #5FF1CB; box-shadow:4px 4px 4px  
4px #5FF1CB }
```

Background

The CSS property to change the background color of an element to Decimal 6287819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FF1CB }
```

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

```
.background{ background-color:#5FF1CB }
```

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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