

Converting Colors

Decimal(6156711)

Have a look what the booklet for
Decimal(6156711) contains.

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Color

Decimal(6156711)

Conversions

Conversions Part 1

Format	Color
Hex	5DF1A7
RGB	93, 241, 167
RGB Percent	36%, 95%, 65%
CMY	0.6353, 0.0549, 0.3451
CMYK	0.61, 0.00, 0.31, 0.05
HSL	150°, 84%, 65%
HSV	150°, 61%, 95%
XYZ	42.9445, 68.0278, 47.4265
YIQ	188.3120, -64.4540, -54.3900

Conversions

Conversions Part 2

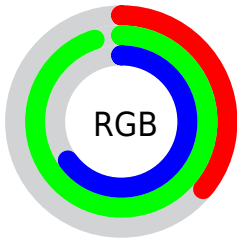
Format	Color
RYB	93, 192, 241
Decimal	6156711
CIELab	86.02, -56.07, 24.29
CIELCh	86, 61.107, 156.577
Yxy	68.0278, 0.2711, 0.4295
Android (android.graphics.Color)	4284346791 (0xFF5DF1A7)
YUV	188.3120, -10.5068, -83.5886
Hunter-Lab	82.4789, -51.3981, 23.6427

Details

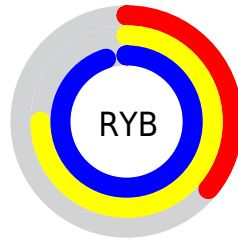
The Decimal color **6156711** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **15818151**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **10223582**, and **47219** is the 20% darker color. If you saturate the color by 10%, you get **4583835**, and if you desaturate by 10%, it is **7729587**.

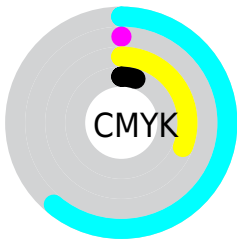
Distribution



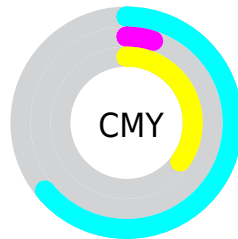
- Red (36%)
- Green (95%)
- Blue (65%)



- Red (36%)
- Yellow (75%)
- Blue (95%)



- Cyan (61%)
- Magenta (0%)
- Yellow (31%)
- Black (5%)




- Cyan (64%)
- Magenta (5%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6156711 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 6156711 by changing the saturation by 10% instead.

 6156711

 6156711

16777215

 3789964

 10223582

 47219

 12255227

 40026

 14221311

 33090

 16252927

 26411

 19988

 13824

 7424

 0

6156711

6156711

4583835

7729587

3010959

9302463

1438083

10875339

61816

12448215

14021091

15659503

16773627

16773631

Harmonies

Analogous

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



11593846



6156711



62947

Triad

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



6156711



9099775



16756629

Complementary

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



6156711



15818151

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.



16754381



6156711



15516671

Square

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



6156711



59903



16756479



16761964

Rectangle

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



6156711



62719



16756479



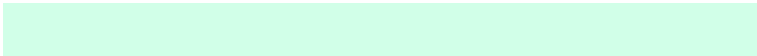
16755367

Sweetspot

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



6156711



13762536



11006301



6520945



0



8421504

Same Dimension

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



6156711



4390817



6156785



7108722



47196



14364

Inverse Universe

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



15818151



16728737



15818077



7892082



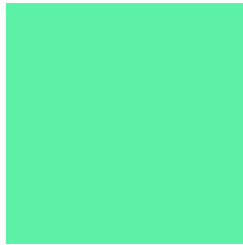
12058716



3670044

Previews

White Background



This preview shows how the Decimal color 6156711 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 6156711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

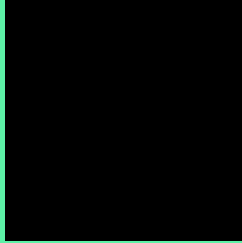
Any Text WCAG AA ✓ Pass

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 6156711 Background



This preview shows how black text looks on a background with the Decimal color 6156711.

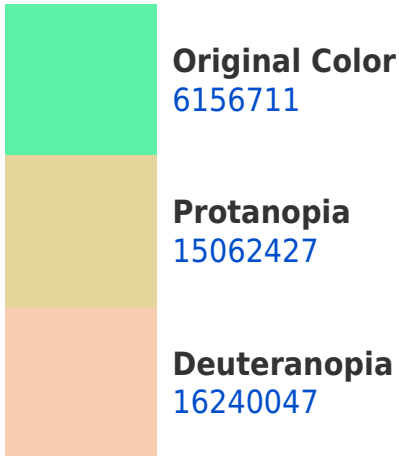


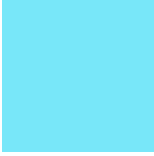
This preview shows how white text looks on a background with the Decimal color 6156711.

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



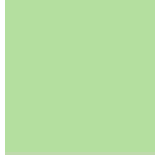


Tritanopia
7923705

Trichromacy



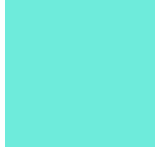
Original Color
6156711



Protanomaly
11853727



Deuteranomaly
12573356



Tritanomaly
7269339

Monochromacy



Original Color
6156711



Achromatopsia
12369084



Achromatomaly
10080180

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6156711 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 #5DF1A7 looks like.

```
.text, #text, p{  
    color:#5DF1A7  
}
```

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 #5DF1A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DF1A7
}
```

Border

The CSS property to change the border of an element to Decimal 6156711 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
#5DF1A7 }
```

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

```
.border{ border-color:#5DF1A7 }
```

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

Here you see how a box with a 4 pixel #5DF1A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DF1A7; -webkit-box-shadow:4px 4px  
4px 4px #5DF1A7; box-shadow:4px 4px 4px  
4px #5DF1A7 }
```

Background

The CSS property to change the background color of an element to Decimal 6156711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DF1A7 }
```

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

```
.background{ background-color:#5DF1A7 }
```

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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