

Converting Colors

Decimal(6156970)

Have a look what the booklet for
Decimal(6156970) contains.

Decimal(6156970)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6156970)

Conversions

Conversions Part 1

Format	Color
Hex	5DF2AA
RGB	93, 242, 170
RGB Percent	36%, 95%, 67%
CMY	0.6353, 0.0510, 0.3333
CMYK	0.62, 0.00, 0.30, 0.05
HSL	151°, 85%, 66%
HSV	151°, 62%, 95%
XYZ	43.5220, 68.7337, 49.0033
YIQ	189.2410, -65.6920, -53.9800

Conversions

Conversions Part 2

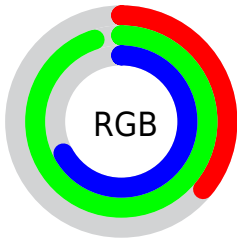
Format	Color
R_{YB}	93, 191, 242
Decimal	6156970
CIE _{Lab}	86.37, -55.87, 23.24
CIE _{LCh}	86, 60.513, 157.420
Yxy	68.7337, 0.2699, 0.4262
Android (android.graphics.Color)	4284347050 (0xFF5DF2AA)
YUV	189.2410, -9.4858, -84.4034
Hunter-Lab	82.9058, -51.3802, 22.9894

Details

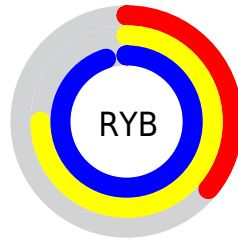
The Decimal color **6156970** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **15883685**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **10289122**, and **47477** is the 20% darker color. If you saturate the color by 10%, you get **4584094**, and if you desaturate by 10%, it is **7729846**.

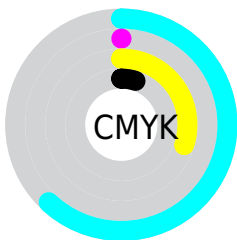
Distribution



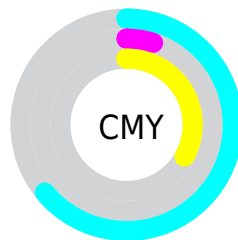
- Red (36%)
- Green (95%)
- Blue (67%)



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



- Cyan (62%)
- Magenta (0%)
- Yellow (30%)
- Black (5%)



- Cyan (64%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6156970 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 6156970 by changing the saturation by 10% instead.

 6156970

 6156970

16777215

 3790223

 10289122

 47477

 12255230

 40284

 14221311

 33348

 16252927

 26669

 19991

 13824

 7680

 0

 6156970

 6156970

 4584094

 7729846

 3011219

 9302721

 1372807

 10941133

 62077

 12514009

 14086884

 15659760

 16773884

 16773887

Harmonies

Analogous

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



11528569



6156970



62949

Triad

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



6156970



9492991



16757141

Complementary

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



6156970



15883685

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.



16754636



6156970



15713279

Square

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



6156970



60159



16756735



16762222

Rectangle

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



6156970



62719



16756735



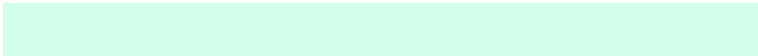
16755878

Sweetspot

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



6156970



13762537



10875485



6520946



0



8421504

Same Dimension

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



6156970



4390820



6156530



7108722



47199



14365

Inverse Universe

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



15883685



16728733



15884125



7892082



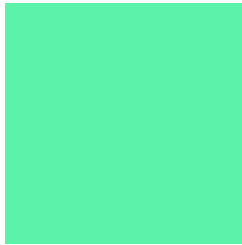
12058713



3670043

Previews

White Background



This preview shows how the Decimal color 6156970 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 6156970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

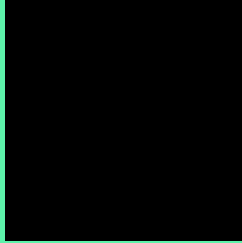
Any Text WCAG AA ✓ Pass

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 6156970 Background



This preview shows how black text looks on a background with the Decimal color 6156970.

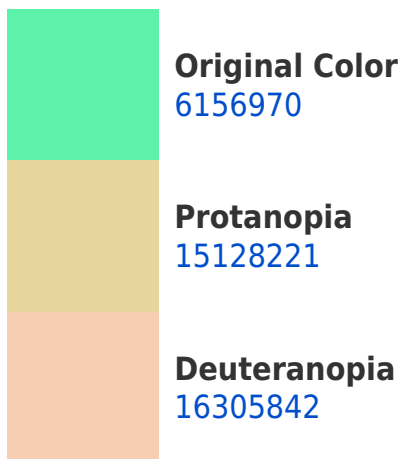


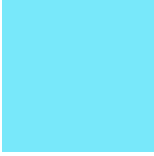
This preview shows how white text looks on a background with the Decimal color 6156970.

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
7923962

Trichromacy



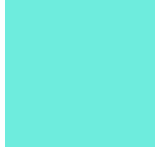
Original Color
6156970



Protanomaly
11853986



Deuteranomaly
12639151



Tritanomaly
7269597

Monochromacy



Original Color
6156970



Achromatopsia
12434877



Achromatomaly
10145974

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6156970 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 #5DF2AA looks like.

```
.text, #text, p{  
    color:#5DF2AA  
}
```

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 #5DF2AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DF2AA
}
```

Border

The CSS property to change the border of an element to Decimal 6156970 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
#5DF2AA }
```

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

```
.border{ border-color:#5DF2AA }
```

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

Here you see how a box with a 4 pixel #5DF2AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DF2AA; -webkit-box-shadow:4px 4px  
4px 4px #5DF2AA; box-shadow:4px 4px 4px  
4px #5DF2AA }
```

Background

The CSS property to change the background color of an element to Decimal 6156970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DF2AA }
```

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

```
.background{ background-color:#5DF2AA }
```

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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