

Converting Colors

Decimal(6027970)

Have a look what the booklet for
Decimal(6027970) contains.

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Color

Decimal(6027970)

Conversions

Conversions Part 1

Format	Color
Hex	5BFAC2
RGB	91, 250, 194
RGB Percent	36%, 98%, 76%
CMY	0.6431, 0.0196, 0.2392
CMYK	0.64, 0.00, 0.22, 0.02
HSL	159°, 94%, 67%
HSV	159°, 64%, 98%
XYZ	48.2376, 74.4904, 62.8746
YIQ	196.0750, -76.7880, -51.1240

Conversions

Conversions Part 2

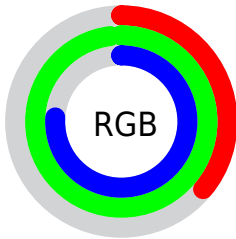
Format	Color
RYB	91, 187, 250
Decimal	6027970
CIELab	89.15, -54.42, 14.75
CIELCh	89, 56.385, 164.832
Yxy	74.4904, 0.2599, 0.4013
Android (android.graphics.Color)	4284218050 (0xFF5BFAC2)
YUV	196.0750, -1.0230, -92.1508
Hunter-Lab	86.3078, -51.2747, 17.2231

Details

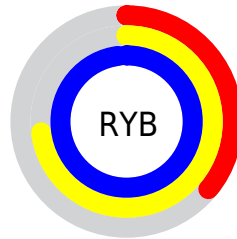
The Decimal color **6027970** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **16407443**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **10223611**, and **49292** is the 20% darker color. If you saturate the color by 10%, you get **4389561**, and if you desaturate by 10%, it is **7666379**.

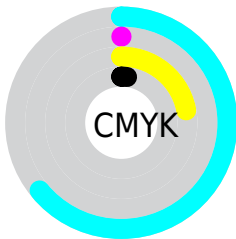
Distribution



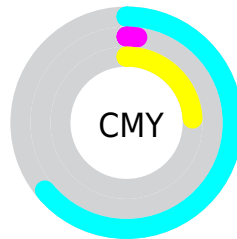
- Red (36%)
- Green (98%)
- Blue (76%)



- Red (36%)
- Yellow (73%)
- Blue (98%)



- Cyan (64%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)



- Cyan (64%)
- Magenta (2%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6027970 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 6027970 by changing the saturation by 10% instead.

 6027970

 6027970

16777215

 3464615

 10223611

 49292

 12255231

 42355

 14286847

 35162

 16318463

 28482

 21804

 15639

 9728

 0

■ 6027970

■ 6027970

■ 4389561

■ 7666379

■ 2751152

■ 9304788

■ 1112744

■ 10943196

■ 64162

■ 12581605

■ 14220014

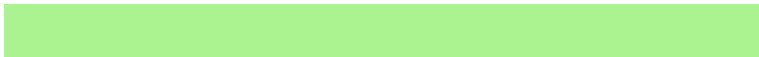
■ 15858423

■ 16775935

Harmonies

Analogous

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



11269009



6027970



64762

Triad

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



6027970



12180735



16760982

Complementary

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



6027970



16407443

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.



16757959



6027970



16763135

Square

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



6027970



3927551



16758782



16765815

Rectangle

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



6027970



64255



16758782



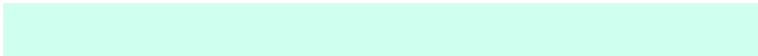
16759717

Sweetspot

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



6027970



13631470



9828955



6455413



0



8421504

Same Dimension

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



6027970



4063163



6022650



7372153



48506



15656

Inverse Universe

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



16407443



16727425



16412763



8220789



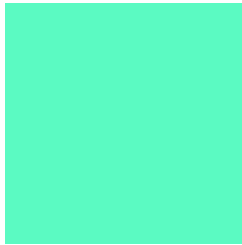
12386370



3997718

Previews

White Background



This preview shows how the Decimal color 6027970 looks on a white background.

Color Contrast Check

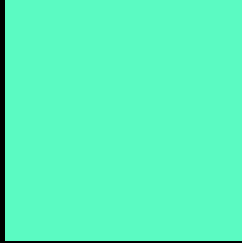
Large Text (above 18pt) WCAG AA × Fail

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 6027970 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 6027970 Background



This preview shows how black text looks on a background with the Decimal color 6027970.

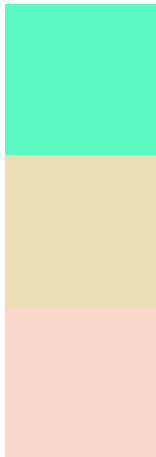


This preview shows how white text looks on a background with the Decimal color 6027970.

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



Original Color
6027970

Protanopia
15457972

Deuteranopia
16504522



Tritanopia
9236223

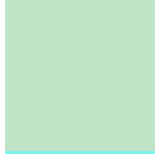
Trichromacy



Original Color
6027970



Protanomaly
12052665



Deuteranomaly
12706759

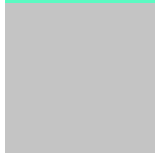


Tritanomaly
8057577

Monochromacy



Original Color
6027970



Achromatopsia
12895428



Achromatomaly
10410179

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6027970 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 #5BFAC2 looks like.

```
.text, #text, p{  
    color:#5BFAC2  
}
```

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 #5BFAC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BFAC2
}
```

Border

The CSS property to change the border of an element to Decimal 6027970 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
#5BFAC2 }
```

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

```
.border{ border-color:#5BFAC2 }
```

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

Here you see how a box with a 4 pixel #5BFAC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BFAC2; -webkit-box-shadow:4px 4px  
4px 4px #5BFAC2; box-shadow:4px 4px 4px  
4px #5BFAC2 }
```

Background

The CSS property to change the background color of an element to Decimal 6027970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BFAC2 }
```

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

```
.background{ background-color:#5BFAC2 }
```

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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