

Converting Colors

Decimal(6291140)

Have a look what the booklet for
Decimal(6291140) contains.

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Color

Decimal(6291140)

Conversions

Conversions Part 1

Format	Color
Hex	5FFEC4
RGB	95, 254, 196
RGB Percent	37%, 100%, 77%
CMY	0.6275, 0.0039, 0.2314
CMYK	0.63, 0.00, 0.23, 0.00
HSL	158°, 99%, 68%
HSV	158°, 63%, 100%
XYZ	50.1249, 77.3020, 64.5035
YIQ	199.8470, -76.1460, -51.7460

Conversions

Conversions Part 2

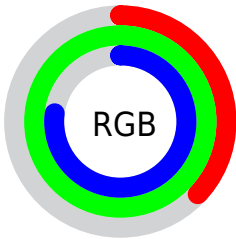
Format	Color
R _Y B	95, 192, 254
Decimal	6291140
CIE Lab	90.46, -54.92, 15.58
CIE LCh	90, 57.085, 164.161
Yxy	77.3020, 0.2612, 0.4028
Android (android.graphics.Color)	4284481220 (0xFF5FFEC4)
YUV	199.8470, -1.8966, -91.9508
Hunter-Lab	87.9216, -52.0982, 18.0471

Details

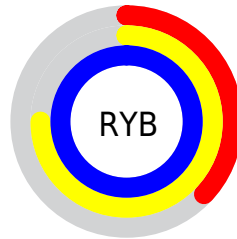
The Decimal color **6291140** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **16670617**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **10485757**, and **50318** is the 20% darker color. If you saturate the color by 10%, you get **4652731**, and if you desaturate by 10%, it is **7929549**.

Distribution



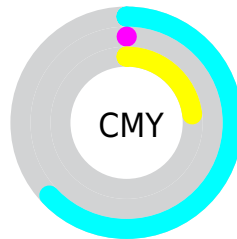
- Red (37%)
- Green (100%)
- Blue (77%)



- Red (37%)
- Yellow (75%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)














- Cyan (63%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6291140 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 6291140 by changing the saturation by 10% instead.

 6291140	 6291140
 16777215	 3793321
 10485757	 50318
 12517375	 43125
 14548991	 36188
 16580607	 29508
	 22830
	 16408
	 10496
	 768

6291140

6291140

4652731

7929549

2948785

9633495

1310376

11271904

65185

12975849

14614258

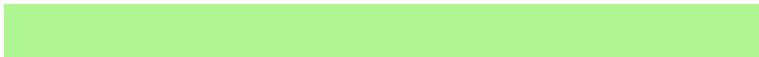
16252668

16776959

Harmonies

Analogous

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



11531923



6291140



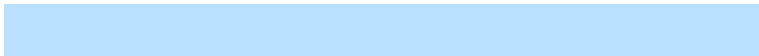
65533

Triad

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



6291140



12247295



16761754

Complementary

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



6291140



16670617

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.



16758732



6291140



16763903

Square

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



6291140



3666687



16759807



16766586

Rectangle

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



6291140



65279



16759807



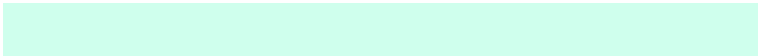
16760489

Sweetspot

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



6291140



13631469



10092127



6455413



0



8421504

Same Dimension

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



6291140



4259769



6285822



7569531



49017



16424

Inverse Universe

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



16670617



16728198



16675935



8418167



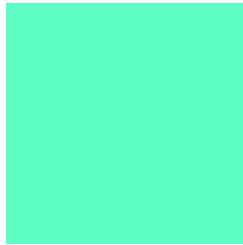
12517446



4194327

Previews

White Background



This preview shows how the Decimal color 6291140 looks on a white background.

Color Contrast Check

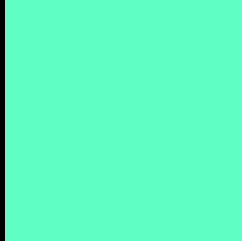
Large Text (above 18pt) WCAG AA × Fail

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 6291140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

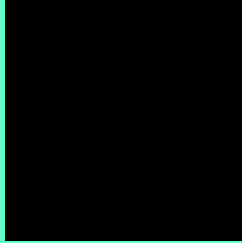
Any Text WCAG AA ✓ Pass

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 6291140 Background



This preview shows how black text looks on a background with the Decimal color 6291140.




This preview shows how white text looks on a background with the Decimal color 6291140.

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



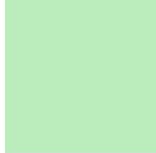


Tritanopia
10350847

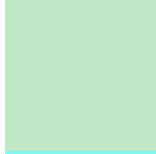
Trichromacy



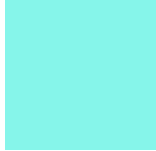
Original Color
6291140



Protanomaly
12315835

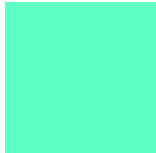


Deuteranomaly
12969929

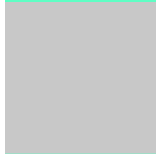


Tritanomaly
8844778

Monochromacy



Original Color
6291140



Achromatopsia
13158600



Achromatomaly
10673351

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6291140 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 #5FFEC4 looks like.

```
.text, #text, p{  
    color:#5FFEC4  
}
```

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 #5FFEC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FFEC4
}
```

Border

The CSS property to change the border of an element to Decimal 6291140 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
#5FFEC4 }
```

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

```
.border{ border-color:#5FFEC4 }
```

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

Here you see how a box with a 4 pixel #5FFEC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FFEC4; -webkit-box-shadow:4px 4px  
4px 4px #5FFEC4; box-shadow:4px 4px 4px  
4px #5FFEC4 }
```

Background

The CSS property to change the background color of an element to Decimal 6291140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FFEC4 }
```

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

```
.background{ background-color:#5FFEC4 }
```

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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