

Converting Colors

Decimal(6219001)

Have a look what the booklet for
Decimal(6219001) contains.

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Color

Decimal(6219001)

Conversions

Conversions Part 1

Format	Color
Hex	5EE4F9
RGB	94, 228, 249
RGB Percent	37%, 89%, 98%
CMY	0.6314, 0.1059, 0.0235
CMYK	0.62, 0.08, 0.00, 0.02
HSL	188°, 93%, 67%
HSV	188°, 62%, 98%
XYZ	49.4584, 64.7060, 99.5053
YIQ	190.3280, -86.6050, -21.8770

Conversions

Conversions Part 2

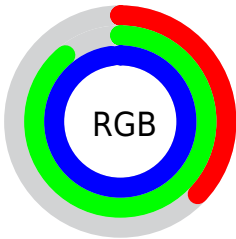
Format	Color
R _Y B	94, 166, 249
Decimal	6219001
CIE Lab	84.33, -30.30, -21.10
CIE LCh	84, 36.923, 214.850
Yxy	64.7060, 0.2315, 0.3028
Android (android.graphics.Color)	4284409081 (0xFF5EE4F9)
YUV	190.3280, 28.9253, -84.4797
Hunter-Lab	80.4401, -31.0198, -17.0344

Details

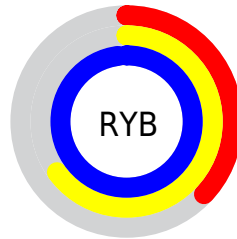
The Decimal color **6219001** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **16347998**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **10420223**, and **44225** is the 20% darker color. If you saturate the color by 10%, you get **4579833**, and if you desaturate by 10%, it is **7858169**.

Distribution



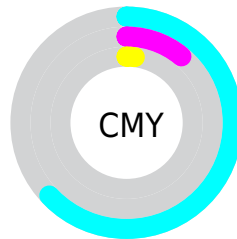
- Red (37%)
- Green (89%)
- Blue (98%)



- Red (37%)
- Yellow (65%)
- Blue (98%)



- Cyan (62%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (63%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6219001 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 6219001 by changing the saturation by 10% instead.

 6219001

 6219001

16777215

 3721436

 10420223

 44225

 12451839

 37285

 14483455

 30603

 16515071

 24178

 18009

 12097

 6443

 279

6219001

6219001

4579833

7858169

2940409

9497593

1301241

11136761

55289

12775929

14415353

15988985

16776441

16777209

Harmonies

Analogous

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



7399127



6219001



7986943

Triad

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



6219001



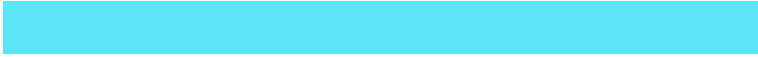
16760305



15061645

Complementary

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



6219001



16347998

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.



16762516



6219001



16758990

Square

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



6219001



14665727



16759980



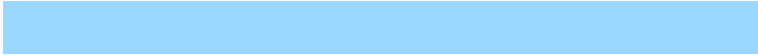
12573848

Rectangle

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



6219001



10213631



16759980



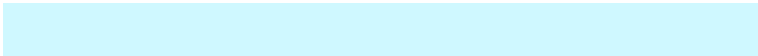
15781517

Sweetspot

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



6219001



13629695



6224243



6454400



0



8421504

Same Dimension

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



6219001



4253183



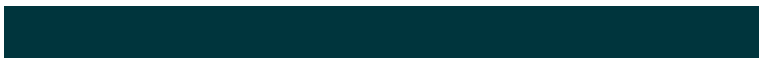
6199289



7371645



41917



13629

Inverse Universe

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



16342756



16728293



16367710



8220795



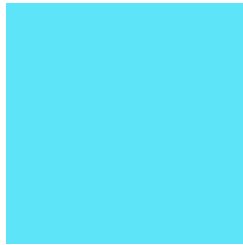
12386467



3997749

Previews

White Background



This preview shows how the Decimal color 6219001 looks on a white background.

Color Contrast Check

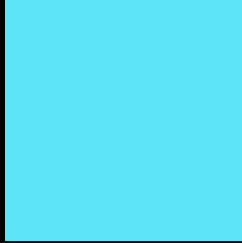
Large Text (above 18pt) WCAG AA × Fail

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 6219001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

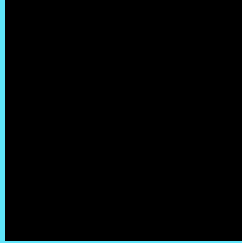
Any Text WCAG AA ✓ Pass

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 6219001 Background



This preview shows how black text looks on a background with the Decimal color 6219001.

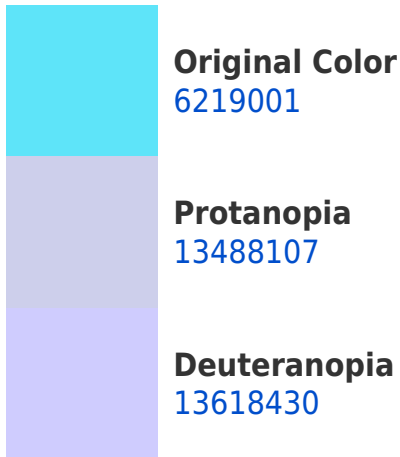


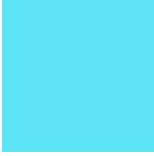
This preview shows how white text looks on a background with the Decimal color 6219001.

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



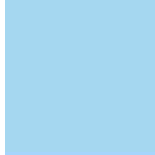


Tritanopia
6153463

Trichromacy



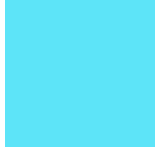
Original Color
6219001



Protanomaly
10868720



Deuteranomaly
10933756

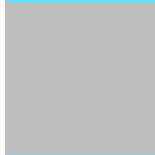


Tritanomaly
6153464

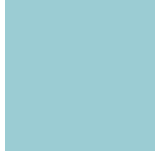
Monochromacy



Original Color
6219001



Achromatopsia
12500670



Achromatomaly
10210515

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6219001 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 #5EE4F9 looks like.

```
.text, #text, p{  
    color:#5EE4F9  
}
```

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 #5EE4F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EE4F9
}
```

Border

The CSS property to change the border of an element to Decimal 6219001 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
#5EE4F9 }
```

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

```
.border{ border-color:#5EE4F9 }
```

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

Here you see how a box with a 4 pixel #5EE4F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EE4F9; -webkit-box-shadow:4px 4px  
4px 4px #5EE4F9; box-shadow:4px 4px 4px  
4px #5EE4F9 }
```

Background

The CSS property to change the background color of an element to Decimal 6219001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EE4F9 }
```

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

```
.background{ background-color:#5EE4F9 }
```

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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