

# Converting Colors

Decimal(6290431)

Have a look what the booklet for  
Decimal(6290431) contains.

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# **Color**

**Decimal(6290431)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FFBFF
RGB	95, 251, 255
RGB Percent	37%, 98%, 100%
CMY	0.6275, 0.0157, 0.0000
CMYK	0.63, 0.02, 0.00, 0.00
HSL	182°, 100%, 69%
HSV	182°, 63%, 100%
XYZ	57.2665, 78.6473, 106.7699
YIQ	204.8120, -94.2600, -31.8280

# Conversions

## Conversions Part 2

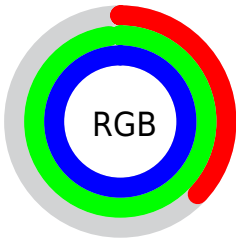
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 174, 255
Decimal	6290431
CIE <sub>Lab</sub>	91.07, -39.22, -14.09
CIE <sub>LCh</sub>	91, 41.678, 199.754
Yxy	78.6473, 0.2360, 0.3241
Android (android.graphics.Color)	4284480511 (0xFF5FFBFF)
YUV	204.8120, 24.7427, -96.3051
Hunter-Lab	88.6833, -39.9309, -9.3037

# Details

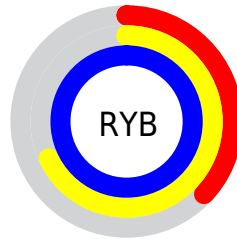
The Decimal color **6290431** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **16737119**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **10616831**, and **49862** is the 20% darker color. If you saturate the color by 10%, you get **4586239**, and if you desaturate by 10%, it is **7994623**.

# Distribution



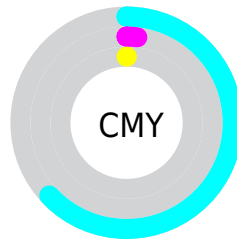
- Red (37%)
- Green (98%)
- Blue (100%)



- Red (37%)
- Yellow (68%)
- Blue (100%)



- Cyan (63%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (2%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6290431 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 6290431 by changing the saturation by 10% instead.



 6290431

 6290431

16777215

 3596002

 10616831

 49862

 12713983

 42667

 14745599

 35729

 29047

 22622

 16455

 10800

 2332

6290431

6290431

4586239

7994623

2947839

9633023

1243647

11337215

63999

12975871

14679807

16318463

16777215

# Harmonies

## Analogous

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



8977110



6290431



6551551

# Triad

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



6290431



16765695



16768663

# Complementary

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



6290431



16737119

# 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.



16765354



6290431



16763125

# Square

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



6290431



14147839



16763084



15133593

# Rectangle

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



6290431



8778239



16763084



16767643



# Sweetspot

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



6290431



13631231



6291298



6455168



0



8421504



# Same Dimension

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



6290431



4258559



6270207



7569280



47807



15936



# Inverse Universe

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



16736251



16728314



16757343



8418175



12517562

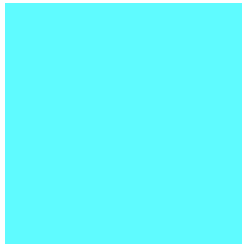


4194366



# Previews

## White Background



This preview shows how the Decimal color 6290431 looks on a white background.

## Color Contrast Check

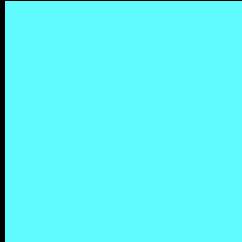
Large Text (above 18pt) WCAG AA × Fail

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 6290431 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 6290431 Background



This preview shows how black text looks on a background with the Decimal color 6290431.

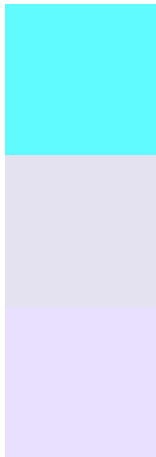


This preview shows how white text looks on a background with the Decimal color 6290431.

# 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**  
6290431

**Protanopia**  
15000304

**Deuteranopia**  
15327231



**Tritanopia**  
10613247

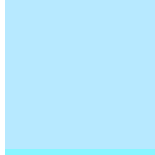
# Trichromacy



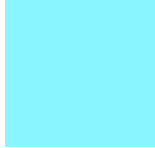
**Original Color**  
6290431



**Protanomaly**  
11856885



**Deuteranomaly**  
12052991

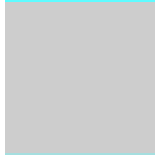


**Tritanomaly**  
9041407

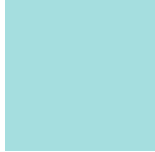
# Monochromacy



**Original Color**  
6290431



**Achromatopsia**  
13487565



**Achromatomaly**  
10870495

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6290431 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 #5FFBFF looks like.

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

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 #5FFBFF colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 6290431 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
#5FFBFF }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 6290431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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