

# Converting Colors

Decimal(5302015)

Have a look what the booklet for  
Decimal(5302015) contains.

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# **Color**

**Decimal(5302015)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50E6FF
RGB	80, 230, 255
RGB Percent	31%, 90%, 100%
CMY	0.6863, 0.0980, 0.0000
CMYK	0.69, 0.10, 0.00, 0.00
HSL	189°, 100%, 66%
HSV	189°, 69%, 100%
XYZ	49.6551, 65.5191, 104.6371
YIQ	188.0000, -97.4250, -24.0250

# Conversions

## Conversions Part 2

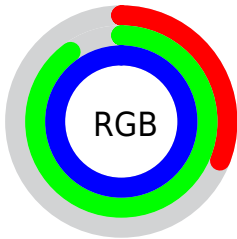
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 161, 255
Decimal	5302015
CIELab	84.75, -31.57, -23.66
CIELCh	85, 39.453, 216.845
Yxy	65.5191, 0.2259, 0.2981
Android (android.graphics.Color)	4283492095 (0xFF50E6FF)
YUV	188.0000, 33.0310, -94.7160
Hunter-Lab	80.9439, -32.1508, -19.9842

# Details

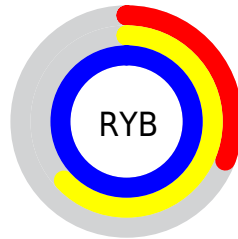
The Decimal color **5302015** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **16738640**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **9830399**, and **44742** is the 20% darker color. If you saturate the color by 10%, you get **3662591**, and if you desaturate by 10%, it is **7006975**.

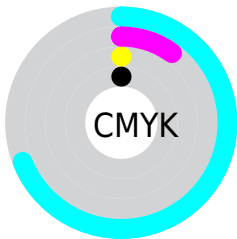
# Distribution



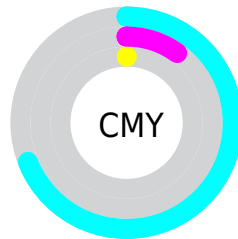
- Red (31%)
- Green (90%)
- Blue (100%)



- Red (31%)
- Yellow (63%)
- Blue (100%)



- Cyan (69%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (10%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5302015 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 5302015 by changing the saturation by 10% instead.



 5302015

 5302015

16777215

 2018018

 9830399

 44742

 11927551

 37803

 13959167

 31120

 16056319

 24695

 18526

 12358

 6960

 283

■ 5302015

■ 5302015

■ 3662591

■ 7006975

■ 1957887

■ 8646143

■ 318463

■ 10351103

■ 56319

■ 11990527

■ 13695231

■ 15334655

16777215

# Harmonies

## Analogous

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



6613211



5302015



7659519

# Triad

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



5302015



16759794



15062153

# Complementary

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



5302015



16738640

# 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.



16762768



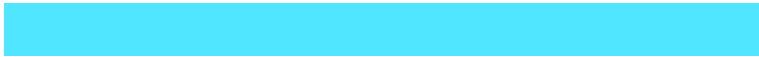
5302015



16758732

# Square

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



5302015



14927871



16759977



12378007

# Rectangle

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



5302015



10148095



16759977



15847561

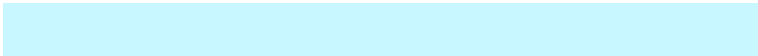


# Sweetspot

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



5302015



13236223



5308263



6323072



0

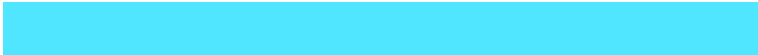


8421504

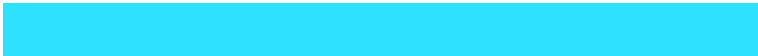


# Same Dimension

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



5302015



3072511



5279999



7569024



42175



14144



# Inverse Universe

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



16732390



16723681



16760656



8418174



12517540

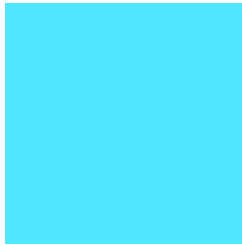


4194359



# Previews

## White Background



This preview shows how the Decimal color 5302015 looks on a white background.

## Color Contrast Check

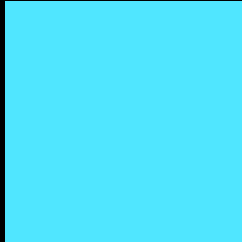
Large Text (above 18pt) WCAG AA × Fail

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 5302015 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 5302015 Background



This preview shows how black text looks on a background with the Decimal color 5302015.

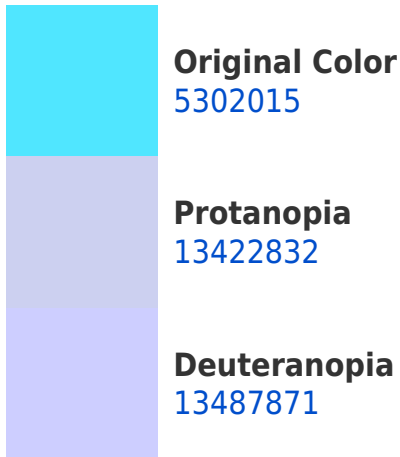


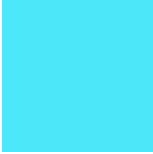
This preview shows how white text looks on a background with the Decimal color 5302015.

# 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**  
5105658

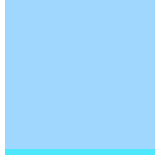
# Trichromacy



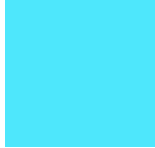
**Original Color**  
5302015



**Protanomaly**  
10475765



**Deuteranomaly**  
10541055

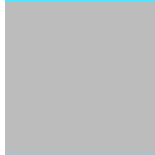


**Tritanomaly**  
5171196

# Monochromacy



**Original Color**  
5302015



**Achromatopsia**  
12369084



**Achromatomaly**  
9817044

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5302015 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 #50E6FF looks like.

```
.text, #text, p{  
    color:#50E6FF  
}
```

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 #50E6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50E6FF
}
```

## Border

The CSS property to change the border of an element to Decimal 5302015 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
#50E6FF }
```

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

```
.border{ border-color:#50E6FF }
```

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

Here you see how a box with a 4 pixel #50E6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50E6FF; -webkit-box-shadow:4px 4px  
4px 4px #50E6FF; box-shadow:4px 4px 4px  
4px #50E6FF }
```

# Background

The CSS property to change the background color of an element to Decimal 5302015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50E6FF }
```

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

```
.background{ background-color:#50E6FF }
```

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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