

Converting Colors

Decimal(6153215)

Have a look what the booklet for
Decimal(6153215) contains.

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Color

Decimal(6153215)

Conversions

Conversions Part 1

Format	Color
Hex	5DE3FF
RGB	93, 227, 255
RGB Percent	36%, 89%, 100%
CMY	0.6353, 0.1098, 0.0000
CMYK	0.64, 0.11, 0.00, 0.00
HSL	190°, 100%, 68%
HSV	190°, 64%, 100%
XYZ	50.0333, 64.4853, 104.4176
YIQ	190.1260, -88.8520, -19.7000

Conversions

Conversions Part 2

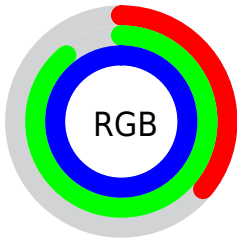
Format	Color
R _Y B	93, 166, 255
Decimal	6153215
CIE Lab	84.22, -28.26, -24.44
CIE LCh	84, 37.359, 220.856
Yxy	64.4853, 0.2285, 0.2945
Android (android.graphics.Color)	4284343295 (0xFF5DE3FF)
YUV	190.1260, 31.9829, -85.1795
Hunter-Lab	80.3028, -29.3139, -20.8828

Details

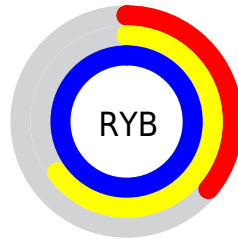
The Decimal color **6153215** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **16742749**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **10420223**, and **43974** is the 20% darker color. If you saturate the color by 10%, you get **4448255**, and if you desaturate by 10%, it is **7858175**.

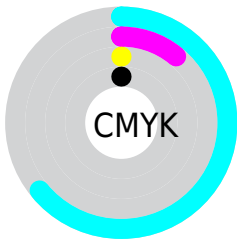
Distribution



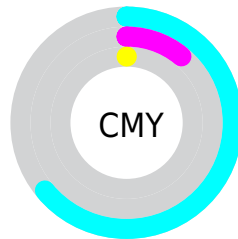
- Red (36%)
- Green (89%)
- Blue (100%)



- Red (36%)
- Yellow (65%)
- Blue (100%)



- Cyan (64%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6153215 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 6153215 by changing the saturation by 10% instead.

 6153215

 6153215

16777215

 3590114

 10420223

 43974

 12451839

 37291

 14483455

 30608

 16515071

 24183

 17758

 12102

 6448

 283

■ 6153215

■ 6153215

■ 4448255

■ 7858175

■ 2808575

■ 9497855

■ 1103615

■ 11202815

■ 54271

■ 12842495

■ 14547455

■ 16186879

16777215

Harmonies

Analogous

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



6809310



6153215



8510719

Triad

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



6153215



16759530



14603404

Complementary

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



6153215



16742749

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.



16697488



6153215



16758982

Square

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



6153215



15189247



16760230



12050076

Rectangle

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



6153215



10802687



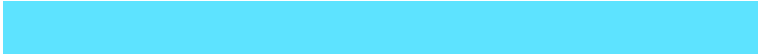
16760230



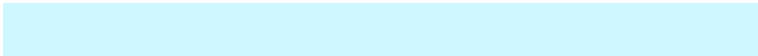
15323275

Sweetspot

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



6153215



13629439



6160248



6453888



0



8421504

Same Dimension

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



6153215



4054783



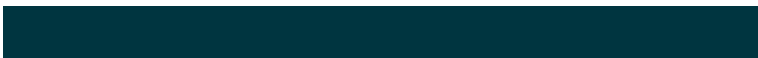
6132735



7568768



40639



13632

Inverse Universe

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



16735715



16727518



16763229



8418173



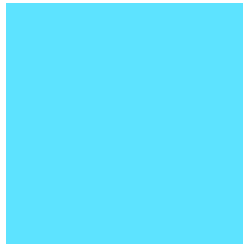
12517534



4194357

Previews

White Background



This preview shows how the Decimal color 6153215 looks on a white background.

Color Contrast Check

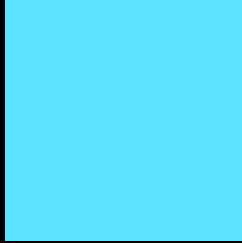
Large Text (above 18pt) WCAG AA × Fail

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 6153215 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 6153215 Background



This preview shows how black text looks on a background with the Decimal color 6153215.



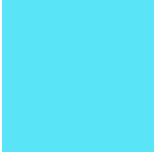
This preview shows how white text looks on a background with the Decimal color 6153215.

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
5891319

Trichromacy



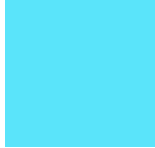
Original Color
6153215



Protanomaly
10671862



Deuteranomaly
10737151

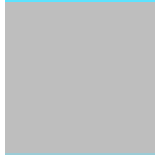


Tritanomaly
5956858

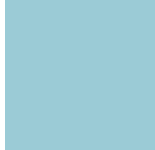
Monochromacy



Original Color
6153215



Achromatopsia
12500670



Achromatomaly
10210262

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6153215 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 #5DE3FF looks like.

```
.text, #text, p{  
    color:#5DE3FF  
}
```

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 #5DE3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE3FF
}
```

Border

The CSS property to change the border of an element to Decimal 6153215 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
#5DE3FF }
```

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

```
.border{ border-color:#5DE3FF }
```

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

Here you see how a box with a 4 pixel #5DE3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE3FF; -webkit-box-shadow:4px 4px  
4px 4px #5DE3FF; box-shadow:4px 4px 4px  
4px #5DE3FF }
```

Background

The CSS property to change the background color of an element to Decimal 6153215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE3FF }
```

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

```
.background{ background-color:#5DE3FF }
```

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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