

Converting Colors

Decimal(6152930)

Have a look what the booklet for
Decimal(6152930) contains.

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Color

Decimal(6152930)

Conversions

Conversions Part 1

Format	Color
Hex	5DE2E2
RGB	93, 226, 226
RGB Percent	36%, 89%, 89%
CMY	0.6353, 0.1137, 0.1137
CMYK	0.59, 0.00, 0.00, 0.11
HSL	180°, 70%, 63%
HSV	180°, 59%, 89%
XYZ	45.4380, 62.2109, 81.5646
YIQ	186.2330, -79.2680, -28.1960

Conversions

Conversions Part 2

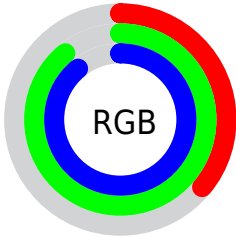
Format	Color
RYB	93, 160, 226
Decimal	6152930
CIELab	83.03, -35.88, -10.91
CIELCh	83, 37.497, 196.909
Yxy	62.2109, 0.2401, 0.3288
Android (android.graphics.Color)	4284343010 (0xFF5DE2E2)
YUV	186.2330, 19.6051, -81.7653
Hunter-Lab	78.8739, -35.1981, -6.1009

Details

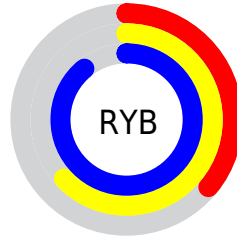
The Decimal color **6152930** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **14835037**, and the grayscale version is **12237498**.

A 20% lighter version of the original color is **10289151**, and **43691** is the 20% darker color. If you saturate the color by 10%, you get **4645602**, and if you desaturate by 10%, it is **7660258**.

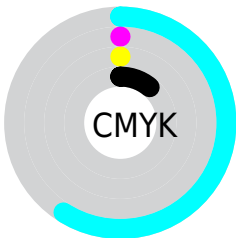
Distribution



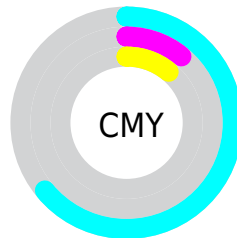
- Red (36%)
- Green (89%)
- Blue (89%)



- Red (36%)
- Yellow (63%)
- Blue (89%)



- Cyan (59%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Decimal color 6152930 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 6152930 by changing the saturation by 10% instead.

6152930

6152930

16777215

3786438

10289151

43691

12255231

36752

14286847

30071

16252927

23646

17478

11568

5148

0

■ 6152930

■ 6152930

■ 4645602

■ 7660258

■ 3203810

■ 9102050

■ 1696482

■ 10609378

■ 254690

■ 12051170

■ 58082

■ 13558498

■ 15065826

■ 16507618

■ 16769762

Harmonies

Analogous

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



8511934



6152930



6086655

Triad

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



6152930



15515647



16107402

Complementary

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



6152930



14835037

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.



16759965



6152930



16758496

Square

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



6152930



12504063



16758204



13882251

Rectangle

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



6152930



7789311



16758204



16696207

Sweetspot

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



6152930



13762559



6152797



6520960



0



8421504

Same Dimension

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



6152930



4915199



6136034



6647920



45232



12336

Inverse Universe

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



14835170



16730879



14852189



7366000



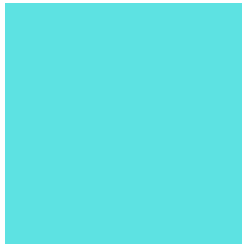
11534512



3145776

Previews

White Background



This preview shows how the Decimal color 6152930 looks on a white background.

Color Contrast Check

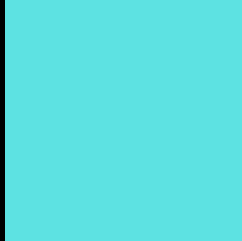
Large Text (above 18pt) WCAG AA × Fail

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 6152930 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 6152930 Background



This preview shows how black text looks on a background with the Decimal color 6152930.

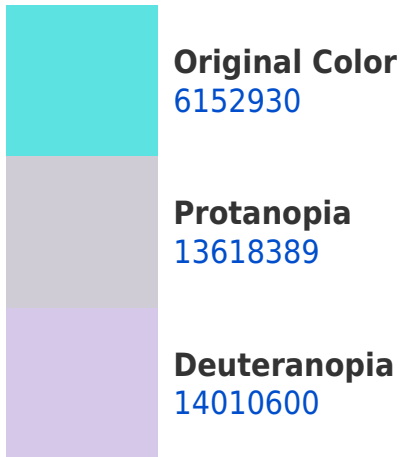


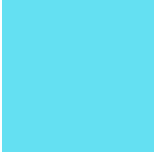
This preview shows how white text looks on a background with the Decimal color 6152930.

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
6611186

Trichromacy



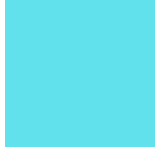
Original Color
6152930



Protanomaly
10933466



Deuteranomaly
11129318

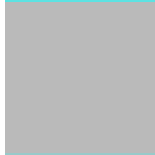


Tritanomaly
6414828

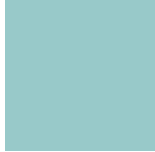
Monochromacy



Original Color
6152930



Achromatopsia
12237498



Achromatomaly
10013129

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6152930 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 #5DE2E2 looks like.

```
.text, #text, p{  
    color:#5DE2E2  
}
```

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 #5DE2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE2E2
}
```

Border

The CSS property to change the border of an element to Decimal 6152930 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
#5DE2E2 }
```

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

```
.border{ border-color:#5DE2E2 }
```

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

Here you see how a box with a 4 pixel #5DE2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE2E2; -webkit-box-shadow:4px 4px  
4px 4px #5DE2E2; box-shadow:4px 4px 4px  
4px #5DE2E2 }
```

Background

The CSS property to change the background color of an element to Decimal 6152930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE2E2 }
```

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

```
.background{ background-color:#5DE2E2 }
```

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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