

Converting Colors

Decimal(6015450)

Have a look what the booklet for
Decimal(6015450) contains.

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Color

Decimal(6015450)

Conversions

Conversions Part 1

Format	Color
Hex	5BC9DA
RGB	91, 201, 218
RGB Percent	36%, 79%, 85%
CMY	0.6431, 0.2118, 0.1451
CMYK	0.58, 0.08, 0.00, 0.15
HSL	188°, 63%, 61%
HSV	188°, 58%, 85%
XYZ	37.8559, 49.0594, 73.8039
YIQ	170.0480, -71.0170, -18.0330

Conversions

Conversions Part 2

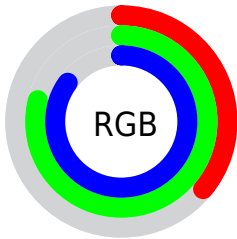
Format	Color
R_{YB}	91, 150, 218
Decimal	6015450
CIE Lab	75.49, -26.47, -17.95
CIE LCh	75, 31.980, 214.139
Yxy	49.0594, 0.2355, 0.3052
Android (android.graphics.Color)	4284205530 (0xFF5BC9DA)
YUV	170.0480, 23.6403, -69.3251
Hunter-Lab	70.0424, -26.1001, -13.4443

Details

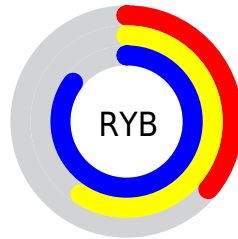
The Decimal color **6015450** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **14314587**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **10027007**, and **37795** is the 20% darker color. If you saturate the color by 10%, you get **4572890**, and if you desaturate by 10%, it is **7458010**.

Distribution



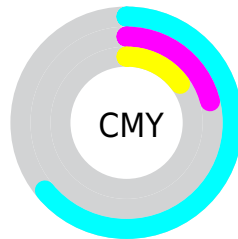
- Red (36%)
- Green (79%)
- Blue (85%)



- Red (36%)
- Yellow (59%)
- Blue (85%)



- Cyan (58%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6015450 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 6015450 by changing the saturation by 10% instead.

6015450

6015450

16777215

3780030

10027007

37795

11927551

31113

13893631

24687

15925247

18263

12352

7466

277

0

■ 6015450

■ 6015450

■ 4572890

■ 7458010

■ 3130330

■ 8900570

■ 1753306

■ 10277594

■ 310746

■ 11720154

■ 48602

■ 13162714

■ 14605274

■ 16047578

■ 16769242

■ 16770010

Harmonies

Analogous

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



6933181



6015450



7390446

Triad

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



6015450



14919892



13351295

Complementary

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



6015450



14314587

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.



14987142



6015450



15967415

Square

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



6015450



12825067



15968154



11256456

Rectangle

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



6015450



9158644



15968154



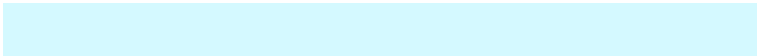
13940351

Sweetspot

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



6015450



13957631



6019692



6716544



0



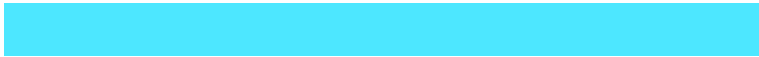
8421504

Same Dimension

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



6015450



5105663



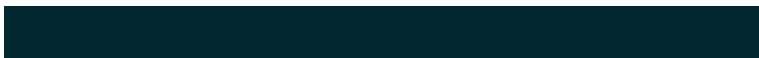
5999322



6515822



38573



10286

Inverse Universe

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



14310345



16731623



14330715



7234412



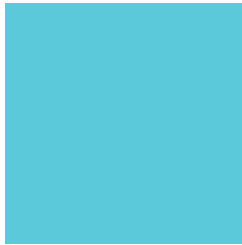
11337878



3014696

Previews

White Background



This preview shows how the Decimal color 6015450 looks on a white background.

Color Contrast Check

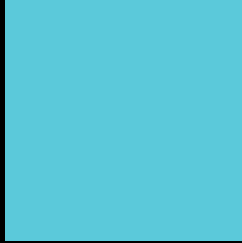
Large Text (above 18pt) WCAG AA × Fail

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 6015450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

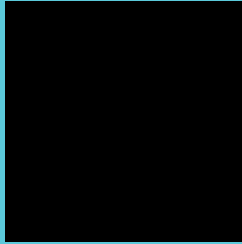
Any Text WCAG AA ✓ Pass

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 6015450 Background



This preview shows how black text looks on a background with the Decimal color 6015450.

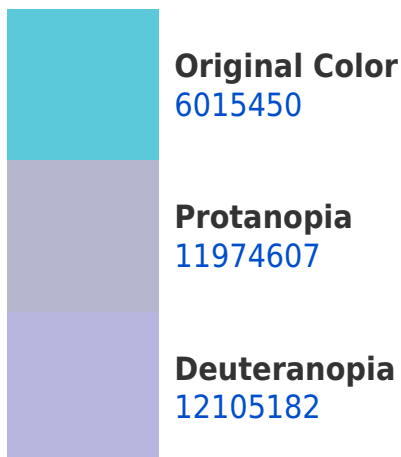


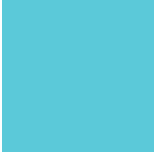
This preview shows how white text looks on a background with the Decimal color 6015450.

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](#).

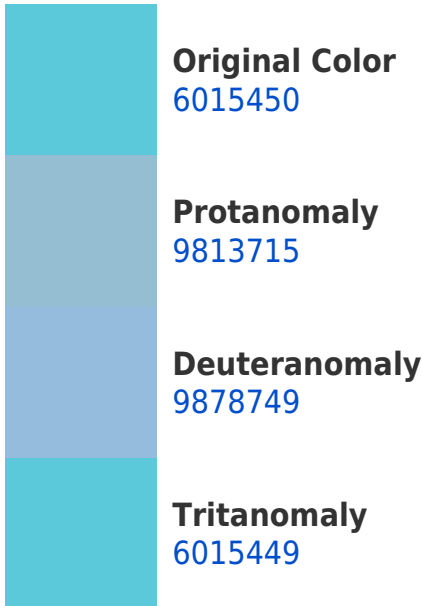
Dichromacy





Tritanopia
6015449

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6015450 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 #5BC9DA looks like.

```
.text, #text, p{  
    color:#5BC9DA  
}
```

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 #5BC9DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC9DA
}
```

Border

The CSS property to change the border of an element to Decimal 6015450 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
#5BC9DA }
```

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

```
.border{ border-color:#5BC9DA }
```

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

Here you see how a box with a 4 pixel #5BC9DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC9DA; -webkit-box-shadow:4px 4px  
4px 4px #5BC9DA; box-shadow:4px 4px 4px  
4px #5BC9DA }
```

Background

The CSS property to change the background color of an element to Decimal 6015450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC9DA }
```

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

```
.background{ background-color:#5BC9DA }
```

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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