

Converting Colors

Decimal(6088147)

Have a look what the booklet for
Decimal(6088147) contains.

Decimal(6088147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6088147)

Conversions

Conversions Part 1

Format	Color
Hex	5CE5D3
RGB	92, 229, 211
RGB Percent	36%, 90%, 83%
CMY	0.6392, 0.1020, 0.1725
CMYK	0.60, 0.00, 0.08, 0.10
HSL	172°, 72%, 63%
HSV	172°, 60%, 90%
XYZ	44.1908, 63.0171, 71.4624
YIQ	185.9850, -75.8740, -34.6420

Conversions

Conversions Part 2

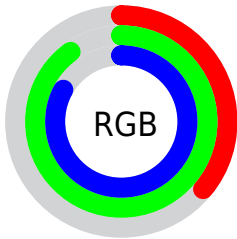
Format	Color
R _Y B	92, 165, 229
Decimal	6088147
CIE Lab	83.45, -41.32, -2.34
CIE LCh	83, 41.388, 183.241
Yxy	63.0171, 0.2473, 0.3527
Android (android.graphics.Color)	4284278227 (0xFF5CE5D3)
YUV	185.9850, 12.3324, -82.4248
Hunter-Lab	79.3833, -39.5540, 2.1943

Details

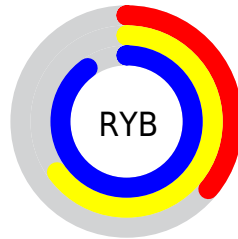
The Decimal color **6088147** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **15031406**, and the grayscale version is **12237498**.

A 20% lighter version of the original color is **10158079**, and **44445** is the 20% darker color. If you saturate the color by 10%, you get **4580816**, and if you desaturate by 10%, it is **7595478**.

Distribution



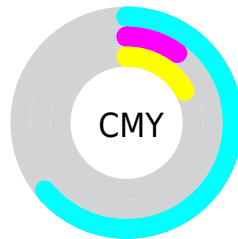
- Red (36%)
- Green (90%)
- Blue (83%)



- Red (36%)
- Yellow (65%)
- Blue (90%)



- Cyan (60%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)



- Cyan (64%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6088147 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 6088147 by changing the saturation by 10% instead.

6088147

6088147

16777215

3721655

10158079

44445

12189695

37507

14155775

30569

16187391

24145

17722

11813

5392

0

6088147

6088147

4580816

7595478

3073485

9102809

1566154

10610140

58823

12117471

13624802

15066597

16573928

16770539

16770542

Harmonies

Analogous

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



9364140



6088147



3859705

Triad

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



6088147



14337279



16761483

Complementary

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



6088147



15031406

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.



16758439



6088147



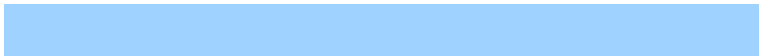
16759028

Square

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



6088147



10539775



16757453



15126402

Rectangle

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



6088147



5103871



16757453



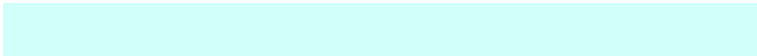
16760211

Sweetspot

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



6088147



13762553



7267676



6520956



0



8421504

Same Dimension

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



6088147



4718567



6075365



6779761



45979



13100

Inverse Universe

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



15031406



16729952



15044188



7563113



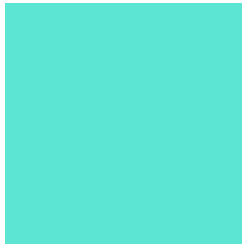
11730967



3342343

Previews

White Background



This preview shows how the Decimal color 6088147 looks on a white background.

Color Contrast Check

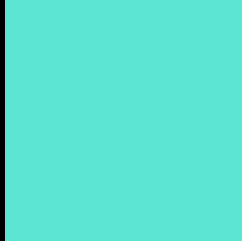
Large Text (above 18pt) WCAG AA × Fail

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 6088147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

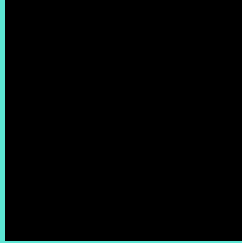
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

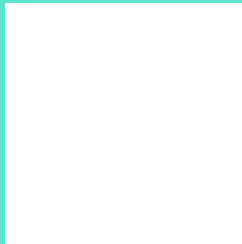
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6088147 Background



This preview shows how black text looks on a background with the Decimal color 6088147.



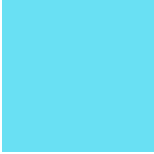
This preview shows how white text looks on a background with the Decimal color 6088147.

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



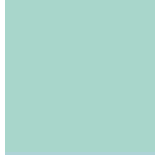


Tritanopia
6938867

Trichromacy



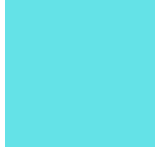
Original Color
6088147



Protanomaly
11065035



Deuteranomaly
11457495

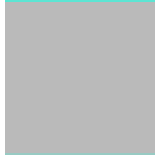


Tritanomaly
6611687

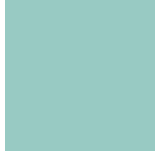
Monochromacy



Original Color
6088147



Achromatopsia
12237498



Achromatomaly
10013379

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6088147 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 #5CE5D3 looks like.

```
.text, #text, p{  
    color:#5CE5D3  
}
```

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 #5CE5D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CE5D3
}
```

Border

The CSS property to change the border of an element to Decimal 6088147 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
#5CE5D3 }
```

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

```
.border{ border-color:#5CE5D3 }
```

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

Here you see how a box with a 4 pixel #5CE5D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CE5D3; -webkit-box-shadow:4px 4px  
4px 4px #5CE5D3; box-shadow:4px 4px 4px  
4px #5CE5D3 }
```

Background

The CSS property to change the background color of an element to Decimal 6088147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CE5D3 }
```

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

```
.background{ background-color:#5CE5D3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor