

Converting Colors

Decimal(4711147)

Have a look what the booklet for
Decimal(4711147) contains.

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Color

Decimal(4711147)

Conversions

Conversions Part 1

Format	Color
Hex	47E2EB
RGB	71, 226, 235
RGB Percent	28%, 89%, 92%
CMY	0.7216, 0.1137, 0.0784
CMYK	0.70, 0.04, 0.00, 0.08
HSL	183°, 80%, 60%
HSV	183°, 70%, 92%
XYZ	44.7903, 61.7305, 88.1517
YIQ	180.6810, -95.2690, -30.0610

Conversions

Conversions Part 2

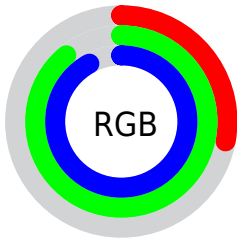
Format	Color
RYB	71, 151, 235
Decimal	4711147
CIELab	82.77, -36.64, -16.11
CIELCh	83, 40.026, 203.734
Yxy	61.7305, 0.2301, 0.3171
Android (android.graphics.Color)	4282901227 (0xFF47E2EB)
YUV	180.6810, 26.7793, -96.1902
Hunter-Lab	78.5687, -35.7364, -11.5235

Details

The Decimal color **4711147** 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 **15421511**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **9306111**, and **43699** is the 20% darker color. If you saturate the color by 10%, you get **3203563**, and if you desaturate by 10%, it is **6218731**.

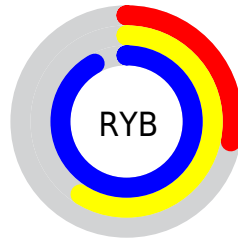
Distribution



Red (28%)

Green (89%)

Blue (92%)



Red (28%)

Yellow (59%)

Blue (92%)

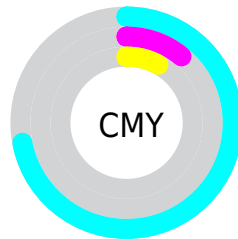


Cyan (70%)

Magenta (4%)

Yellow (0%)

Black (8%)



Cyan (72%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4711147 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 4711147 by changing the saturation by 10% instead.

 4711147

 4711147

16777215

 706255

 9306111

 43699

 11337727

 36761

 13369343

 30079

 15466495

 23654

 17230

 11575

 4898

 9

■ 4711147

■ 4711147

■ 3203563

■ 6218731

■ 1630187

■ 7792107

■ 57067

■ 9299691

■ 10872811

■ 12380395

■ 13953771

■ 15526891

■ 16772331

■ 16772843

Harmonies

Analogous

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



7332549



4711147



5561855

Triad

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



4711147



16169723



15714691

Complementary

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



4711147



15421511

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.



16759955



4711147



16757464

Square

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



4711147



13158399



16757682



13227400

Rectangle

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



4711147



7919871



16757682



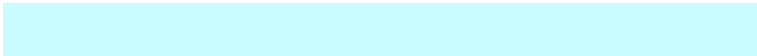
16369030

Sweetspot

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



4711147



13237503



4713295



6323840



0



8421504

Same Dimension

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



4711147



2749439



4690411



6976885



43957



13110

Inverse Universe

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



15419362



16722419



15442247



7694965



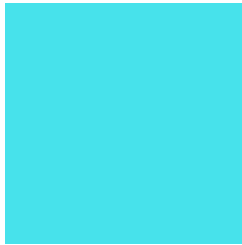
11862187



3538995

Previews

White Background



This preview shows how the Decimal color 4711147 looks on a white background.

Color Contrast Check

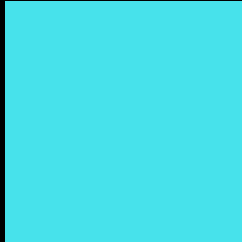
Large Text (above 18pt) WCAG AA × Fail

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 4711147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

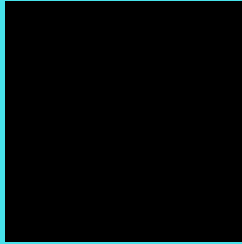
Any Text WCAG AA ✓ Pass

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 4711147 Background



This preview shows how black text looks on a background with the Decimal color 4711147.



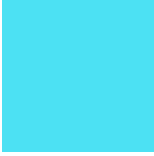
This preview shows how white text looks on a background with the Decimal color 4711147.

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





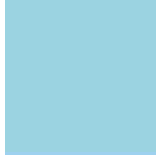
Tritanopia
5038579

Trichromacy



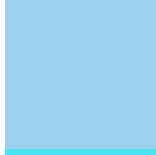
Original Color

4711147



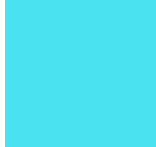
Protanomaly

10212321



Deuteranomaly

10408431



Tritanomaly

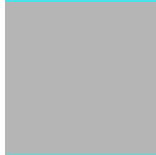
4907504

Monochromacy



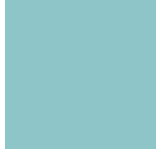
Original Color

4711147



Achromatopsia

11908533



Achromatomaly

9291209

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4711147 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 #47E2EB looks like.

```
.text, #text, p{  
    color:#47E2EB  
}
```

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 #47E2EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47E2EB
}
```

Border

The CSS property to change the border of an element to Decimal 4711147 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
#47E2EB }
```

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

```
.border{ border-color:#47E2EB }
```

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

Here you see how a box with a 4 pixel #47E2EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47E2EB; -webkit-box-shadow:4px 4px  
4px 4px #47E2EB; box-shadow:4px 4px 4px  
4px #47E2EB }
```

Background

The CSS property to change the background color of an element to Decimal 4711147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47E2EB }
```

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

```
.background{ background-color:#47E2EB }
```

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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