

Converting Colors

Decimal(4710327)

Have a look what the booklet for
Decimal(4710327) contains.

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Color

Decimal(4710327)

Conversions

Conversions Part 1

Format	Color
Hex	47DFB7
RGB	71, 223, 183
RGB Percent	28%, 87%, 72%
CMY	0.7216, 0.1255, 0.2824
CMYK	0.68, 0.00, 0.18, 0.13
HSL	164°, 70%, 58%
HSV	164°, 68%, 87%
XYZ	37.5335, 57.5338, 53.9267
YIQ	172.9920, -77.7520, -44.6640

Conversions

Conversions Part 2

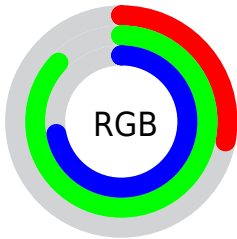
Format	Color
RYB	71, 159, 223
Decimal	4710327
CIELab	80.48, -49.03, 8.10
CIELCh	80, 49.694, 170.613
Yxy	57.5338, 0.2519, 0.3861
Android (android.graphics.Color)	4282900407 (0xFF47DFB7)
YUV	172.9920, 4.9339, -89.4470
Hunter-Lab	75.8511, -44.4120, 10.9432

Details

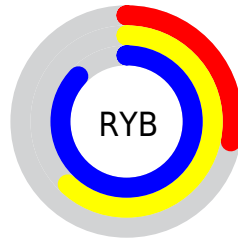
The Decimal color **4710327** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **14632815**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **9043951**, and **42882** is the 20% darker color. If you saturate the color by 10%, you get **3268529**, and if you desaturate by 10%, it is **6152125**.

Distribution



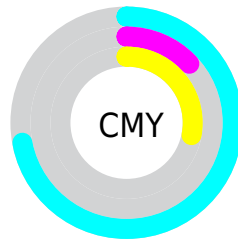
- Red (28%)
- Green (87%)
- Blue (72%)



- Red (28%)
- Yellow (62%)
- Blue (87%)



- Cyan (68%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)



- Cyan (72%)
- Magenta (13%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4710327 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 4710327 by changing the saturation by 10% instead.

4710327

4710327

16777215

1557404

9043951

42882

11010047

35945

13041663

29009

15073279

22586

16164

10511

768

0

■ 4710327

■ 4710327

■ 3268529

■ 6152125

■ 1761195

■ 7659459

■ 319397

■ 9101257

■ 57252

■ 10543054

■ 12050388

■ 13492186

■ 14933984

■ 16375782

■ 16769004

Harmonies

Analogous

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



9427339



4710327



57575

Triad

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



4710327



11977215



16756610

Complementary

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



4710327



14632815

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.



16753833



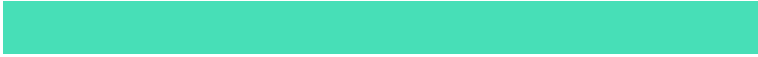
4710327



15970559

Square

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



4710327



6083071



16753880



15843435

Rectangle

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



4710327



56831



16753880



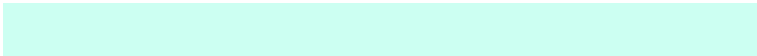
16755597

Sweetspot

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



4710327



13434866



7397191



6389879



0



8421504

Same Dimension

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



4710327



3080136



4701407



6647917



45186



12324

Inverse Universe

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



14632815



16723557



14641735



7365992



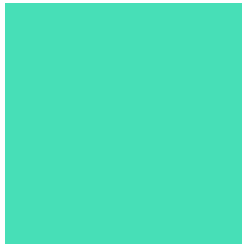
11534382



3145741

Previews

White Background



This preview shows how the Decimal color 4710327 looks on a white background.

Color Contrast Check

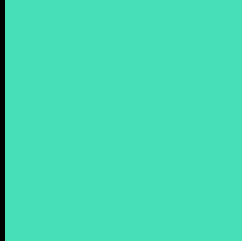
Large Text (above 18pt) WCAG AA × Fail

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 4710327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

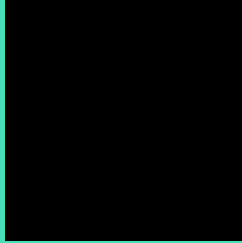
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

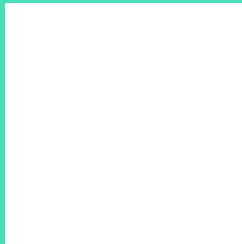
Any Text WCAG AAA ✓ Pass

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

Decimal 4710327 Background



This preview shows how black text looks on a background with the Decimal color 4710327.



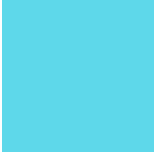
This preview shows how white text looks on a background with the Decimal color 4710327.

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
6215914

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4710327 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 #47DFB7 looks like.

```
.text, #text, p{  
    color:#47DFB7  
}
```

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 #47DFB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47DFB7  
}
```

Border

The CSS property to change the border of an element to Decimal 4710327 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  
#47DFB7 }
```

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

```
.border{ border-color:#47DFB7 }
```

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

Here you see how a box with a 4 pixel #47DFB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47DFB7; -webkit-box-shadow:4px 4px  
4px 4px #47DFB7; box-shadow:4px 4px 4px  
4px #47DFB7 }
```

Background

The CSS property to change the background color of an element to Decimal 4710327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47DFB7 }
```

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

```
.background{ background-color:#47DFB7 }
```

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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