

Converting Colors

Hex(2EACCF)

Have a look what the booklet for
Hex(2EACCF) contains.

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Color

Hex(2EACCF)

Conversions

Conversions Part 1

Format	Color
Hex	2EACCF
RGB	46, 172, 207
RGB Percent	18%, 67%, 81%
CMY	0.8196, 0.3255, 0.1882
CMYK	0.78, 0.17, 0.00, 0.19
HSL	193°, 64%, 50%
HSV	193°, 78%, 81%
XYZ	27.1417, 34.5909, 64.2777
YIQ	138.3160, -86.3310, -15.8270

Conversions

Conversions Part 2

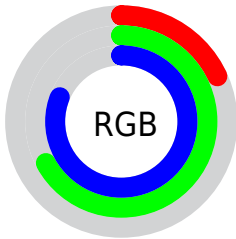
Format	Color
RYB	46, 117, 207
Decimal	3058895
CIELab	65.43, -21.73, -27.38
CIElCh	65, 34.955, 231.566
Yxy	34.5909, 0.2154, 0.2745
Android (android.graphics.Color)	4281248975 (0xFF2EACCF)
YUV	138.3160, 33.8612, -80.9611
Hunter-Lab	58.8140, -20.5496, -23.6281

Details

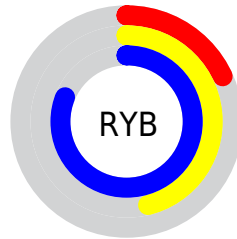
The Hex color **2EACCF** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CF512E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **75E4FF**, and **007899** is the 20% darker color. If you saturate the color by 10%, you get **19A8CF**, and if you desaturate by 10%, it is **43B1CF**.

Distribution



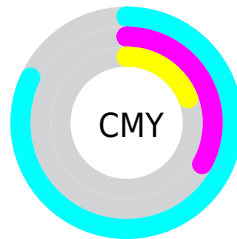
- Red (18%)
- Green (67%)
- Blue (81%)



- Red (18%)
- Yellow (46%)
- Blue (81%)



- Cyan (78%)
- Magenta (17%)
- Yellow (0%)
- Black (19%)



- Cyan (82%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EACCF 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 Hex color 2EACCF by changing the saturation by 10% instead.

■ 2EACCF

■ 2EACCF

FFFFFF

■ 0091B3

■ 75E4FF

■ 007899

■ 94FFFF

■ 005F7F

■ B2FFFF

■ 004765

■ D1FFFF

■ 00304D

■ EFFFFFF

■ 001D36

■ 000221

■ 000005

■ 000000

 2EACCF

 2EACCF

 19A8CF

 43B1CF

 05A3CF

 57B5CF

 00A2CF

 6CBACF

 81BECF

 95C3CF

 AAC7CF

 BFCCCF

 D4D0CF

 E8D4CF

Harmonies

Analogous

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



27AFB5



2EACCF



63A5DC

Triad

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



2EACCF



D687A9



9DA464

Complementary

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



2EACCF



CF512E

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.



BC9A61



2EACCF



DC8889

Square

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



2EACCF



BE8FC6



D28F6F



79AB77

Rectangle

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



2EACCF



869EDC



D28F6F



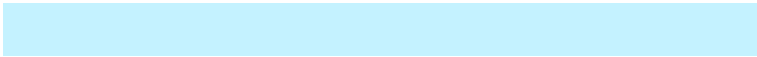
A8A161

Sweetspot

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



2EACCF



C4F2FF



2ECF51



5C7880



000000



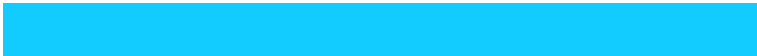
808080

Same Dimension

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



2EACCF



12CBFF



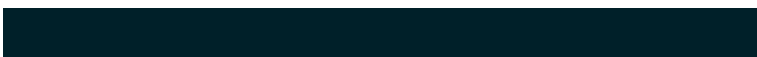
2E5CCF



5E6669



0084A8



002029

Inverse Universe

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



CF2EAC



FF12CB



CFA12E



695E66



A80084



290020

Previews

White Background



This preview shows how the Hex color 2EACCF looks on a white background.

Color Contrast Check

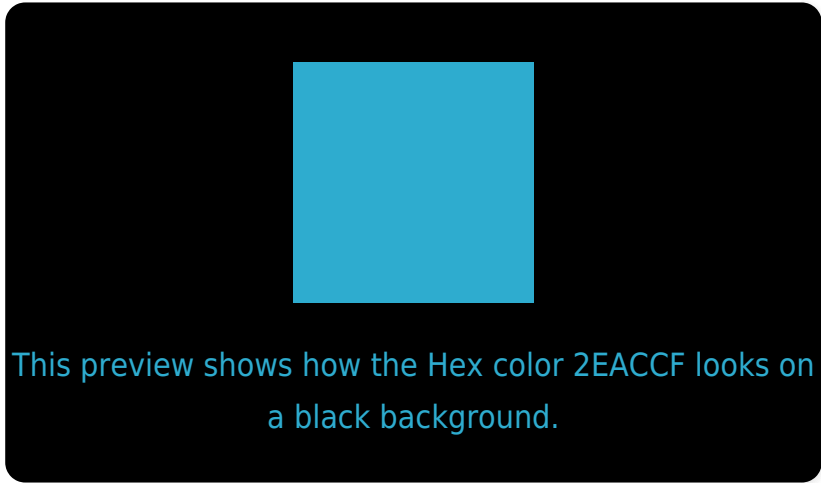
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

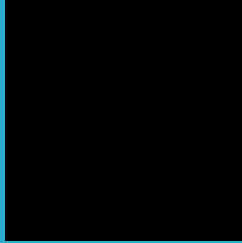
Any Text WCAG AA ✓ Pass

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](#).

Hex 2EACCF Background



This preview shows how black text looks on a background with the Hex color 2EACCF.

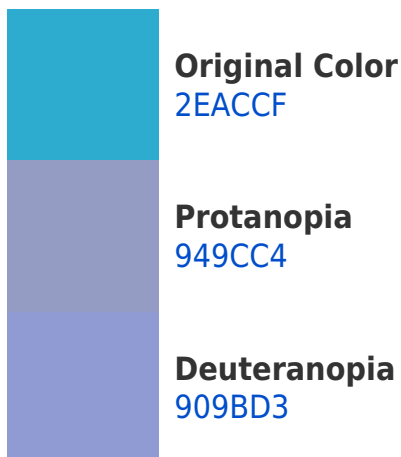


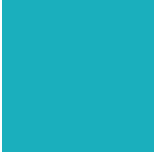
This preview shows how white text looks on a background with the Hex color 2EACCF.

Color Blindness Simulation

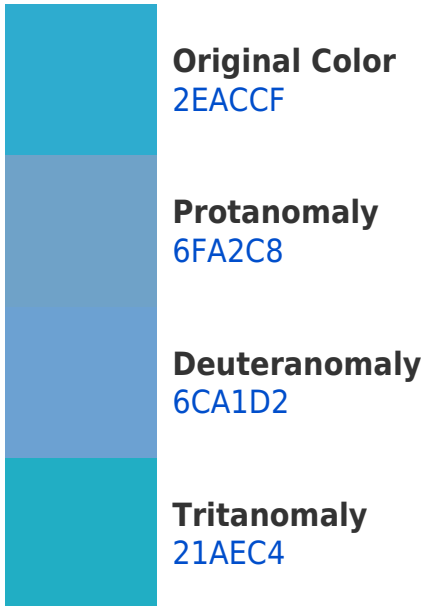
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2EACCF 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 #2EACCF looks like.

```
.text, #text, p{  
    color:#2EACCF  
}
```

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 #2EACCF colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 2EACCF 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
#2EACCF }
```

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

```
.border{ border-color:#2EACCF }
```

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

Here you see how a box with a 4 pixel #2EACCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EACCF; -webkit-box-shadow:4px 4px  
4px 4px #2EACCF; box-shadow:4px 4px 4px  
4px #2EACCF }
```

Background

The CSS property to change the background color of an element to Hex 2EACCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EACCF }
```

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

```
.background{ background-color:#2EACCF }
```

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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