

Converting Colors

Hex(52E9F2)

Have a look what the booklet for
Hex(52E9F2) contains.

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Color

Hex(52E9F2)

Conversions

Conversions Part 1

Format	Color
Hex	52E9F2
RGB	82, 233, 242
RGB Percent	32%, 91%, 95%
CMY	0.6784, 0.0863, 0.0510
CMYK	0.66, 0.04, 0.00, 0.05
HSL	183°, 86%, 64%
HSV	183°, 66%, 95%
XYZ	48.6456, 66.4825, 94.2729
YIQ	188.8770, -92.8850, -29.2130

Conversions

Conversions Part 2

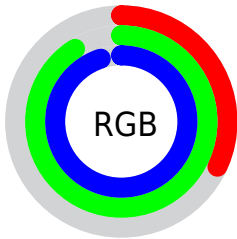
Format	Color
RYB	82, 160, 242
Decimal	5433842
CIELab	85.24, -36.44, -16.07
CIELCh	85, 39.823, 203.794
Yxy	66.4825, 0.2323, 0.3175
Android (android.graphics.Color)	4283623922 (0xFF52E9F2)
YUV	188.8770, 26.1896, -93.7311
Hunter-Lab	81.5368, -36.1946, -11.4754

Details

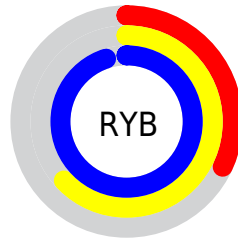
The Hex color **52E9F2** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **F25B52**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **95FFFF**, and **00B1BA** is the 20% darker color. If you saturate the color by 10%, you get **3AE8F2**, and if you desaturate by 10%, it is **6AEAF2**.

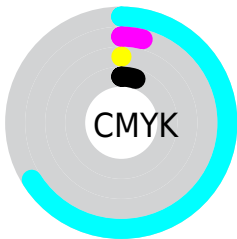
Distribution



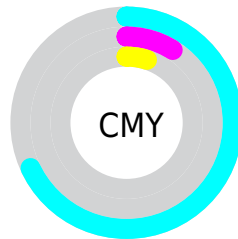
- Red (32%)
- Green (91%)
- Blue (95%)



- Red (32%)
- Yellow (63%)
- Blue (95%)



- Cyan (66%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (68%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52E9F2 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 52E9F2 by changing the saturation by 10% instead.

 52E9F2

 52E9F2

FFFFFF

 24CDD6

 95FFFF

 00B1BA

 B5FFFF

 00969F

 D4FFFF

 007B85

 F3FFFF

 00626C

 004953

 00323C

 001C27

 000111

 52E9F2

 52E9F2

 3AE8F2

 6AEAF2

 22E6F2

 82ECF2

 09E5F2

 9BEDF2

 00E4F2

 B3EEF2

 CBF0F2

 E3F1F2

 FBF3F2

 FFF4F2

 FFF5F2

Harmonies

Analogous

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



76E9CC



52E9F2



5EE4FF

Triad

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



52E9F2



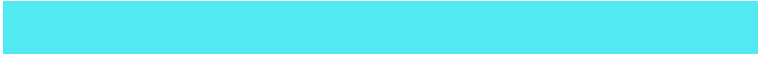
FDC1FF



F6D08A

Complementary

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



52E9F2



F25B52

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.



FFC39A



52E9F2



FFB9DE

Square

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



52E9F2



CFCEFF



FFBAB8



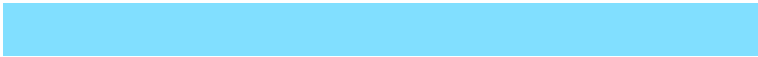
D0DC8F

Rectangle

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



52E9F2



81DFFF



FFBAB8



FFCC8D

Sweetspot

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



52E9F2



CCFCFF



52F25A



617E80



000000



808080

Same Dimension

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



52E9F2



36F4FF



529AF2



6C7778



00ADB8



003538

Inverse Universe

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



F252E9



FF36F4



F2AA52



786C77



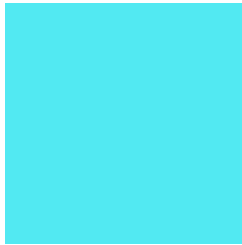
B800AD



380035

Previews

White Background



This preview shows how the Hex color 52E9F2 looks on a white background.

Color Contrast Check

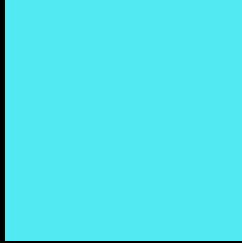
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 52E9F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

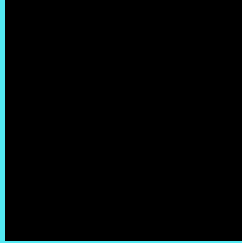
Any Text WCAG AA ✓ Pass

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](#).

Hex 52E9F2 Background



This preview shows how black text looks on a background with the Hex color 52E9F2.

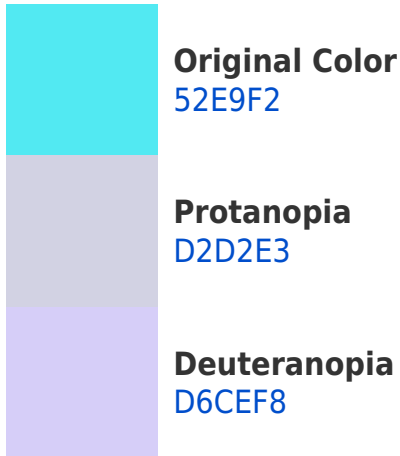


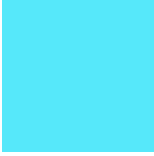
This preview shows how white text looks on a background with the Hex color 52E9F2.

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](#).

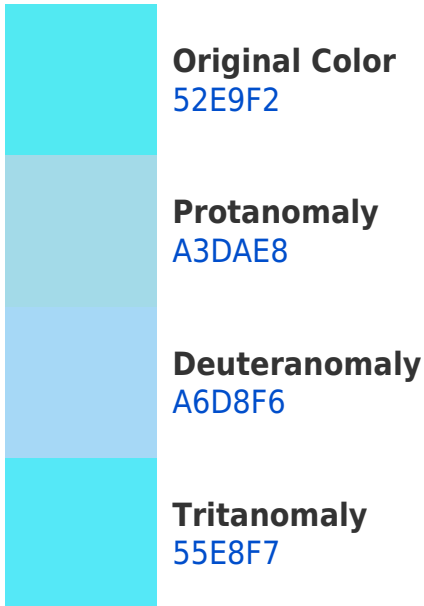
Dichromacy



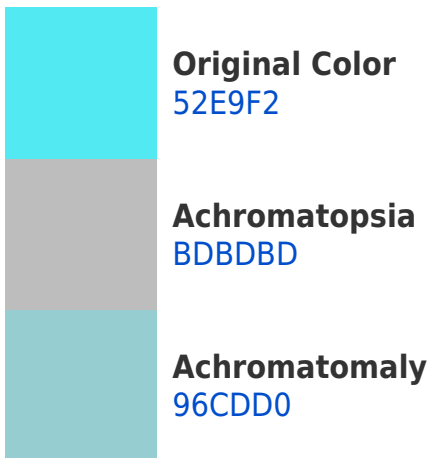


Tritanopia
56E8FA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52E9F2 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 #52E9F2 looks like.

```
.text, #text, p{  
    color:#52E9F2  
}
```

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 #52E9F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52E9F2
}
```

Border

The CSS property to change the border of an element to Hex 52E9F2 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
#52E9F2 }
```

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

```
.border{ border-color:#52E9F2 }
```

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

Here you see how a box with a 4 pixel #52E9F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52E9F2; -webkit-box-shadow:4px 4px  
4px 4px #52E9F2; box-shadow:4px 4px 4px  
4px #52E9F2 }
```

Background

The CSS property to change the background color of an element to Hex 52E9F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52E9F2 }
```

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

```
.background{ background-color:#52E9F2 }
```

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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