

Converting Colors

Hex(2FA5A5)

Have a look what the booklet for
Hex(2FA5A5) contains.

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Color

Hex(2FA5A5)

Conversions

Conversions Part 1

Format	Color
Hex	2FA5A5
RGB	47, 165, 165
RGB Percent	18%, 65%, 65%
CMY	0.8157, 0.3529, 0.3529
CMYK	0.72, 0.00, 0.00, 0.35
HSL	180°, 56%, 42%
HSV	180°, 72%, 65%
XYZ	21.4190, 30.2312, 40.3036
YIQ	129.7180, -70.3280, -25.0160

Conversions

Conversions Part 2

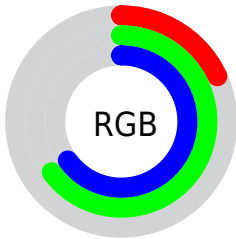
Format	Color
RYB	47, 106, 165
Decimal	3122597
CIELab	61.85, -31.31, -9.37
CIElCh	62, 32.679, 196.665
Yxy	30.2312, 0.2329, 0.3288
Android (android.graphics.Color)	4281312677 (0xFF2FA5A5)
YUV	129.7180, 17.3940, -72.5437
Hunter-Lab	54.9829, -26.6843, -4.9728

Details

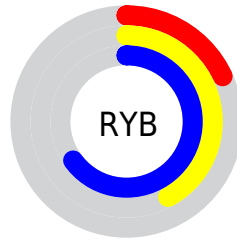
The Hex color **2FA5A5** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A52F2F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **70DCDC**, and **007171** is the 20% darker color. If you saturate the color by 10%, you get **1EA5A5**, and if you desaturate by 10%, it is **40A5A5**.

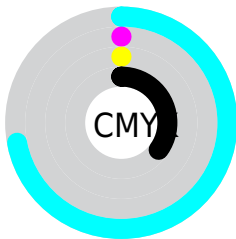
Distribution



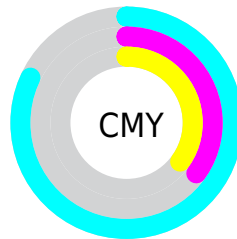
- Red (18%)
- Green (65%)
- Blue (65%)



- Red (18%)
- Yellow (42%)
- Blue (65%)



- Cyan (72%)
- Magenta (0%)
- Yellow (0%)
- Black (35%)



- Cyan (82%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FA5A5 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 2FA5A5 by changing the saturation by 10% instead.

 2FA5A5

 2FA5A5

FFFFFF

 008A8B

 70DCDC

 007171

 8DF9F8

 005859

 ABFFFF

 004042

 C8FFFF

 00292B

 E6FFFF

 000E18

 000000

 2FA5A5

 2FA5A5

 1EA5A5

 40A5A5

0EA5A5

50A5A5

00A5A5

60A5A5

71A5A5

82A5A5

92A5A5

A3A5A5

B3A5A5

C3A5A5

Harmonies

Analogous

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



54A487



2FA5A5



2BA2BF

Triad

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



2FA5A5



AD88BD



B48F5D

Complementary

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



2FA5A5



A52F2F

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.



C8866D



2FA5A5



C681A4

Square

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



2FA5A5



8693CD



CE8086



99995D

Rectangle

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



2FA5A5



479FCA



CE8086



BC8C61

Sweetspot

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



2FA5A5



A9D6D6



2FA52F



506B6B



EBEBEB



6B6B6B

Same Dimension

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



2FA5A5



1ED6D6



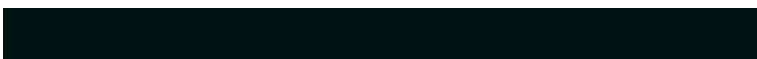
2F6AA5



495252



009191



001212

Inverse Universe

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



A52FA5



D61ED6



A56A2F



524952



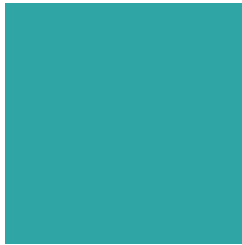
910091



120012

Previews

White Background



This preview shows how the Hex color 2FA5A5 looks on a white background.

Color Contrast Check

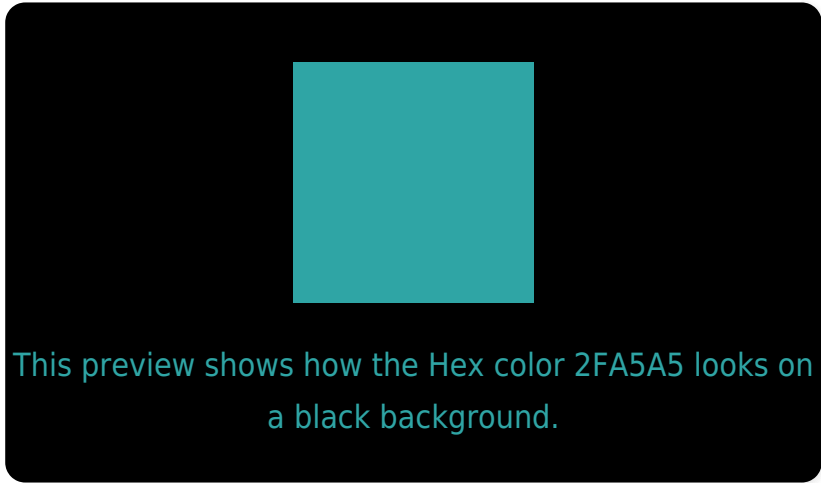
Large Text (above 18pt) WCAG AA × Fail

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

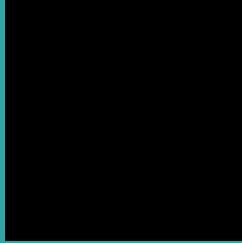
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

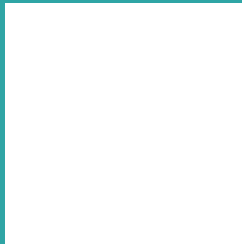
Any Text WCAG AAA ✓ Pass

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

Hex 2FA5A5 Background



This preview shows how black text looks on a background with the Hex color 2FA5A5.

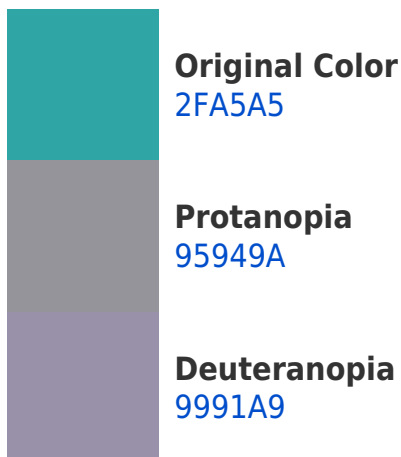


This preview shows how white text looks on a background with the Hex color 2FA5A5.

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
36A3B0

Trichromacy



Original Color
2FA5A5



Protanomaly
709A9E



Deuteranomaly
7298A8



Tritanomaly
33A4AC

Monochromacy



Original Color
2FA5A5



Achromatopsia
828282



Achromatomaly
648F8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FA5A5 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 #2FA5A5 looks like.

```
.text, #text, p{  
    color:#2FA5A5  
}
```

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 #2FA5A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FA5A5
}
```

Border

The CSS property to change the border of an element to Hex 2FA5A5 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
#2FA5A5 }
```

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

```
.border{ border-color:#2FA5A5 }
```

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

Here you see how a box with a 4 pixel #2FA5A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FA5A5; -webkit-box-shadow:4px 4px  
4px 4px #2FA5A5; box-shadow:4px 4px 4px  
4px #2FA5A5 }
```

Background

The CSS property to change the background color of an element to Hex 2FA5A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FA5A5 }
```

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

```
.background{ background-color:#2FA5A5 }
```

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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