Converting Colors

Hex(52A17B)

Have a look what the booklet for Hex(52A17B) contains.

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Color

Hex(52A17B)

Conversions

Conversions Part 1

Format	Color
Hex	52A17B
RGB	82, 161, 123
RGB Percent	32%, 63%, 48%
CMY	0.6784, 0.3686, 0.5176
CMYK	0.49, 0.00, 0.24, 0.37
HSL	151°, 33%, 48%
HSV	151°, 49%, 63%
XYZ	19.7997, 28.7136, 23.2376
YIQ	133.0470, -34.8860, -28.5660

Conversions

Conversions Part 2

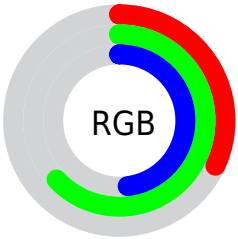
Format	Color
RYB	82, 134, 161
Decimal	5415291
CIELab	60.53, -33.46, 12.42
CIELCh	61, 35.696, 159.630
Yxy	28.7136, 0.2760, 0.4002
Android (android.graphics.Color)	4283605371 (0xFF52A17B)
YUV	133.0470, -4.9532, -44.7682
Hunter-Lab	53.5851, -27.8182, 11.7980

Details

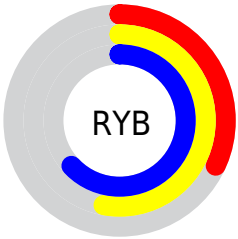
The Hex color 52A17B is a dark color, and the websafe version is hex 339966. A complement of this color would be A15278, and the grayscale version is 858585.

A 20% lighter version of the original color is 88D8B0, and 186D4A is the 20% darker color. If you saturate the color by 10%, you get 42A173, and if you desaturate by 10%, it is 62A183.

Distribution

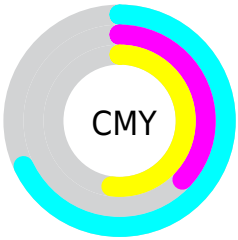


- Red (32%)
- Green (63%)
- Blue (48%)



- Red (32%)
- Yellow (53%)
- Blue (63%)

- Cyan (49%)
- Magenta (0%)
- Yellow (24%)
- Black (37%)



- Cyan (68%)
- Magenta (37%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52A17B 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 52A17B by changing the saturation by 10% instead.

52A17B

FFFFFF

88D8B0

A4F5CB

C0FFE7

DDFFFF

FAFFFF

52A17B

378662

186D4A

005433

003C1E

002606

000400

000000

52A17B

42A173

52A17B

62A183

32A16C

22A164

12A15C

02A154

00A154

72A18A

82A192

92A19A

A3A1A2

B3A1A9

C3A1B1

D3A1B9

E3A1C1

Harmonies

Analogous

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

7A9C60

52A17B

1BA39B

Triad

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

52A17B

7492D0

CB7E6B

Complementary

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

52A17B

A15278

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.

CF7989

52A17B

A386C3

Square

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

52A17B

389BCC

C17CA9

B88957

Rectangle

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

52A17B

00A2B0

C17CA9

CE7C74

Sweetspot

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

52A17B

B2D1C2

78A152

56695F

E8E8E8

696969

Same Dimension

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

52A17B

56D196

52A0A1

49524E

00914B

001209

Inverse Universe

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

A15278

D15691

A15352

52494D

910046

120009

Previews

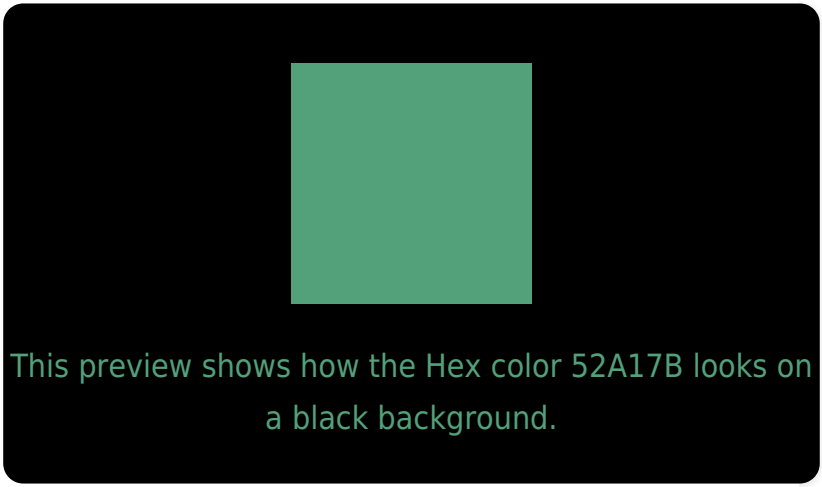
White Background

This preview shows how the Hex color 52A17B looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
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 ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 52A17B Background

This preview shows how black text looks on a background with the Hex color 52A17B.

This preview shows how white text looks on a background with the Hex color 52A17B.

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

Original Color
52A17B

Protanopia
9A9173

Deuteranopia
A58C80

Tritanopia
5E9BA8

Trichromacy

Original Color
52A17B

Protanomaly
809776

Deuteranomaly
87947E

Tritanomaly
5A9D98

Monochromacy

Original Color
52A17B

Achromatopsia
858585

Achromatomaly
728F81

CSS Examples

Text

The CSS property to change the color of the text to Hex 52A17B 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 #52A17B looks like.

```
.text, #text, p{
    color:#52A17B
}
```

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 #52A17B colored shadow looks like.

Here you see how black text with a 4 pixel #52A17B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52A17B
}
```

Border

The CSS property to change the border of an element to Hex 52A17B 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
#52A17B }
```

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

```
.border{ border-color:#52A17B }
```

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

Here you see how a box with a 4 pixel #52A17B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #52A17B; -webkit-box-shadow:4px 4px 4px 4px #52A17B; box-shadow:4px 4px 4px 4px #52A17B }
```

Background

The CSS property to change the background color of an element to Hex 52A17B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#52A17B }
```

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

```
.background{ background-color:#52A17B }
```

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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