Converting Colors

Hex(53A8B1)

Have a look what the booklet for Hex(53A8B1) contains.

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Color

Hex(53A8B1)

Conversions

Conversions Part 1

Format	Color
Hex	53A8B1
RGB	83, 168, 177
RGB Percent	33%, 66%, 69%
CMY	0.6745, 0.3412, 0.3059
CMYK	0.53, 0.05, 0.00, 0.31
HSL	186°, 38%, 51%
HSV	186°, 53%, 69%
XYZ	25.5057, 33.0186, 46.6239
YIQ	143.6110, -53.5490, -15.2210

Conversions

Conversions Part 2

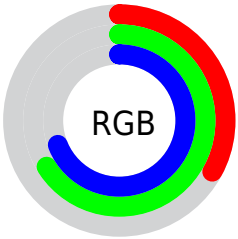
Format	Color
RYB	83, 128, 177
Decimal	5482673
CIELab	64.18, -23.08, -12.51
CIELCh	64, 26.254, 208.461
Yxy	33.0186, 0.2426, 0.3140
Android (android.graphics.Color)	4283672753 (0xFF53A8B1)
YUV	143.6110, 16.4608, -53.1558
Hunter-Lab	57.4618, -21.3269, -7.8840

Details

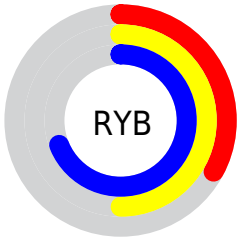
The Hex color 53A8B1 is a dark color, and the websafe version is hex 339999. A complement of this color would be B15C53, and the grayscale version is 8F8F8F.

A 20% lighter version of the original color is 8CDFE9, and 0D747C is the 20% darker color. If you saturate the color by 10%, you get 41A6B1, and if you desaturate by 10%, it is 65AAB1.

Distribution

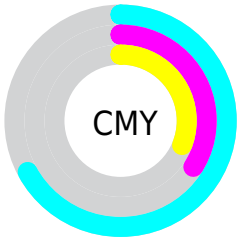


- Red (33%)
- Green (66%)
- Blue (69%)



- Red (33%)
- Yellow (50%)
- Blue (69%)

- Cyan (53%)
- Magenta (5%)
- Yellow (0%)
- Black (31%)



- Cyan (67%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53A8B1 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 53A8B1 by changing the saturation by 10% instead.

53A8B1

FFFFFF

8CDFE9

A8FCFF

C5FFFF

E2FFFF

53A8B1

358D96

0D747C

005B64

00434C

002C35

001820

000006

000000

53A8B1

53A8B1

41A6B1

30A5B1

1EA3B1

0CA1B1

00A0B1

65AAB1

76ABB1

88ADB1

9AAFB1

ABB0B1

BDB2B1

CFB4B1

E1B6B1

F2B7B1

Harmonies

Analogous

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

61A899

53A8B1

5EA4C3

Triad

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

53A8B1

B88EB4

AD9A6D

Complementary

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

53A8B1

B15C53

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.

C09274

53A8B1

C88A9E

Square

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

53A8B1

9D96C5

CA8C86

95A172

Rectangle

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

53A8B1

71A0C9

CA8C86

B5976E

Sweetspot

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

53A8B1

C1E2E6

53B15B

5D7173

F2F2F2

737373

Same Dimension

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

53A8B1

53D7E6

537AB1

505859

008A99

00171A

Inverse Universe

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

B153A8

E653D7

B18A53

595058

99008A

1A0017

Previews

White Background

This preview shows how the Hex color 53A8B1 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

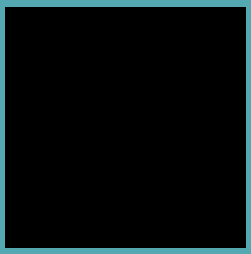
This preview shows how the Hex color 53A8B1 looks on a black background.

Color Contrast Check

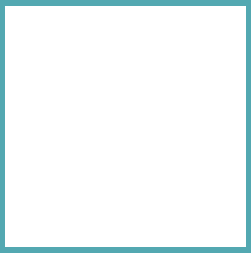
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

Hex 53A8B1 Background



This preview shows how black text looks on a background with the Hex color 53A8B1.



This preview shows how white text looks on a background with the Hex color 53A8B1.

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

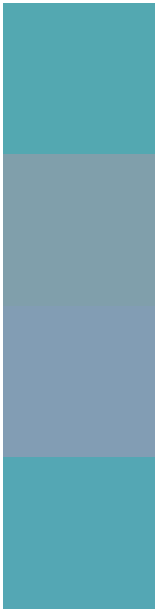
Original Color
53A8B1

Protanopia
9A9AA8

Deuteranopia
9D97B5

Tritanopia
54A7B5

Trichromacy



Original Color
53A8B1

Protanomaly
809FAB

Deuteranomaly
829DB4

Tritanomaly
54A7B4

Monochromacy

Original Color
53A8B1

Achromatopsia
909090

Achromatomaly
7A999C

CSS Examples

Text

The CSS property to change the color of the text to Hex 53A8B1 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 #53A8B1 looks like.

```
.text, #text, p{
    color:#53A8B1
}
```

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 #53A8B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A8B1
}
```

Border

The CSS property to change the border of an element to Hex 53A8B1 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
#53A8B1 }
```

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

```
.border{ border-color:#53A8B1 }
```

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

Here you see how a box with a 4 pixel #53A8B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #53A8B1; -webkit-box-shadow:4px 4px 4px 4px #53A8B1; box-shadow:4px 4px 4px 4px #53A8B1 }
```

Background

The CSS property to change the background color of an element to Hex 53A8B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#53A8B1 }
```

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

```
.background{ background-color:#53A8B1 }
```

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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