

Converting Colors

Hex(56BE73)

Have a look what the booklet for
Hex(56BE73) contains.

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Color

Hex(56BE73)

Conversions

Conversions Part 1

Format	Color
Hex	56BE73
RGB	86, 190, 115
RGB Percent	34%, 75%, 45%
CMY	0.6627, 0.2549, 0.5490
CMYK	0.55, 0.00, 0.39, 0.25
HSL	137°, 44%, 54%
HSV	137°, 55%, 75%
XYZ	25.3457, 40.0431, 22.6129
YIQ	150.3540, -37.9090, -45.3730

Conversions

Conversions Part 2

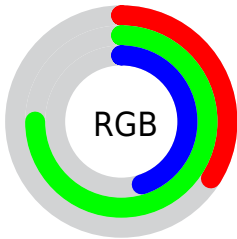
Format	Color
RYB	86, 167, 190
Decimal	5684851
CIELab	69.50, -46.71, 28.98
CIElCh	70, 54.964, 148.186
Yxy	40.0431, 0.2880, 0.4550
Android (android.graphics.Color)	4283874931 (0xFF56BE73)
YUV	150.3540, -17.4295, -56.4385
Hunter-Lab	63.2797, -39.2439, 23.1086

Details

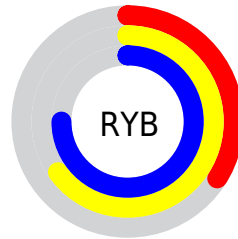
The Hex color **56BE73** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BE56A1**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **8FF7A8**, and **118842** is the 20% darker color. If you saturate the color by 10%, you get **43BE65**, and if you desaturate by 10%, it is **69BE81**.

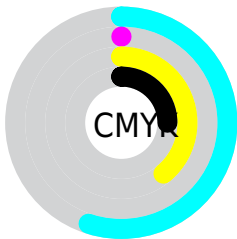
Distribution



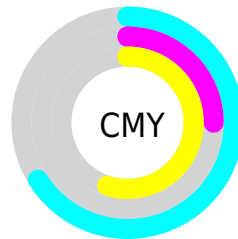
- Red (34%)
- Green (75%)
- Blue (45%)



- Red (34%)
- Yellow (65%)
- Blue (75%)



- Cyan (55%)
- Magenta (0%)
- Yellow (39%)
- Black (25%)



- Cyan (66%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56BE73 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 56BE73 by changing the saturation by 10% instead.

 56BE73

 56BE73

FFFFFF

 38A25A

 8FF7A8

 118842

 ACFFC3

 006E2A

 C9FFDF

 005413

 E6FFFC

 003C00

 002700

 000000

 56BE73

 56BE73

 43BE65

 69BE81

 30BE58

 7CBE8E

 1DBE4A

 8FB E9C

 0ABE3C

 A2BEAA

 00BE35

 B5BEB8

 C8BEC5

 DBBED3

 EEBEE1

 FFBEEE

Harmonies

Analogous

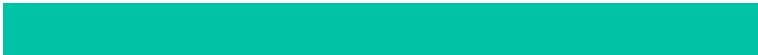
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97B54D



56BE73



00C2A5

Triad

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



56BE73



37B0FF



FF837D

Complementary

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



56BE73



BE56A1

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.



FF7EAF



56BE73



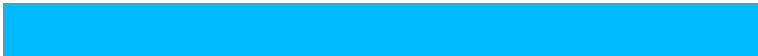
A79EFF

Square

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



56BE73



00BCFE



E48ADF



EF9455

Rectangle

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



56BE73



00C3C7



E48ADF



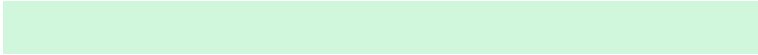
FF808D

Sweetspot

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



56BE73



D0F7DB



A2BE56



657D6C



FCFCFC



7D7D7D

Same Dimension

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



56BE73



54F782



56BEA6



555E58



009E2C



001F09

Inverse Universe

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



BE56A1



F754CA



BE566E



5E555C



9E0072



1F0016

Previews

White Background



This preview shows how the Hex color 56BE73 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 56BE73 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

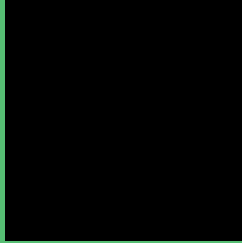
Any Text WCAG AA ✓ Pass

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 56BE73 Background



This preview shows how black text looks on a background with the Hex color 56BE73.

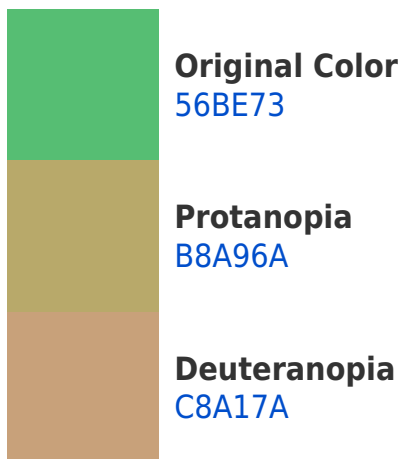


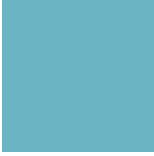
This preview shows how white text looks on a background with the Hex color 56BE73.

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](#).

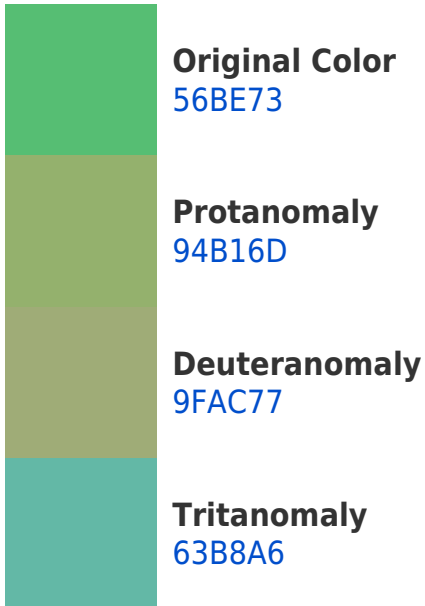
Dichromacy



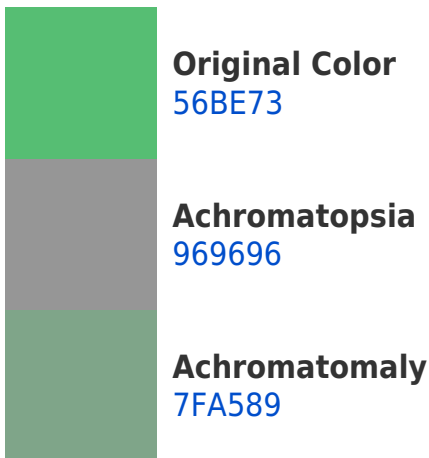


Tritanopia
6BB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56BE73 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 #56BE73 looks like.

```
.text, #text, p{  
    color:#56BE73  
}
```

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 #56BE73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56BE73
}
```

Border

The CSS property to change the border of an element to Hex 56BE73 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
#56BE73 }
```

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

```
.border{ border-color:#56BE73 }
```

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

Here you see how a box with a 4 pixel #56BE73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56BE73; -webkit-box-shadow:4px 4px  
4px 4px #56BE73; box-shadow:4px 4px 4px  
4px #56BE73 }
```

Background

The CSS property to change the background color of an element to Hex 56BE73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56BE73 }
```

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

```
.background{ background-color:#56BE73 }
```

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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