

Converting Colors

Hex(53AF61)

Have a look what the booklet for
Hex(53AF61) contains.

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Color

Hex(53AF61)

Conversions

Conversions Part 1

Format	Color
Hex	53AF61
RGB	83, 175, 97
RGB Percent	33%, 69%, 38%
CMY	0.6745, 0.3137, 0.6196
CMYK	0.53, 0.00, 0.45, 0.31
HSL	129°, 37%, 51%
HSV	129°, 53%, 69%
XYZ	21.0549, 33.3620, 16.6391
YIQ	138.6000, -29.7940, -43.7620

Conversions

Conversions Part 2

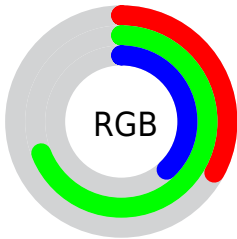
Format	Color
RYB	83, 163, 175
Decimal	5484385
CIELab	64.45, -44.25, 31.79
CIELCh	64, 54.479, 144.307
Yxy	33.3620, 0.2963, 0.4695
Android (android.graphics.Color)	4283674465 (0xFF53AF61)
YUV	138.6000, -20.5088, -48.7612
Hunter-Lab	57.7599, -36.0120, 23.3520

Details

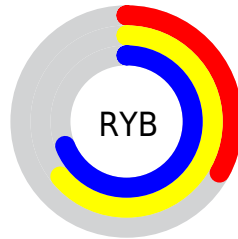
The Hex color **53AF61** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AF53A1**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8BE795**, and **127A30** is the 20% darker color. If you saturate the color by 10%, you get **42AF52**, and if you desaturate by 10%, it is **65AF70**.

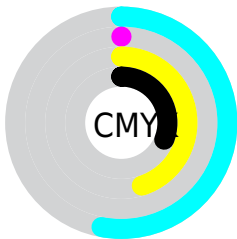
Distribution



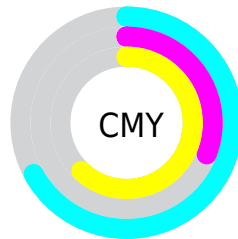
- Red (33%)
- Green (69%)
- Blue (38%)



- Red (33%)
- Yellow (64%)
- Blue (69%)



- Cyan (53%)
- Magenta (0%)
- Yellow (45%)
- Black (31%)



- Cyan (67%)
- Magenta (31%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53AF61 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 53AF61 by changing the saturation by 10% instead.

 53AF61

 53AF61

FFFFFF

 369448

 8BE795

 127A30

 A7FFB0

 006019

 C4FFCB

 004700

 E1FFE8

 003000

FEFFFF

 001800

 000000

 53AF61

 53AF61

 42AF52

 65AF70

 30AF43

 76AF7F

 1EAF34

 88AF8E

 0DAF26

 99AF9C

 00AF1B

 ABAFAB

 BCAFBA

 CEAF C9

 DFAFD8

 F1AFE7

Harmonies

Analogous

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



90A53E



53AF61



00B491

Triad

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



53AF61



00A4FD



F57477

Complementary

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



53AF61



AF53A1

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.



F072A8



53AF61



8F93F5

Square

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



53AF61



00AFEA



CF7FD6



E3844E

Rectangle

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



53AF61



00B4B3



CF7FD6



F67287

Sweetspot

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



53AF61



BFE3C4



A1AF53



5D7360



F2F2F2



737373

Same Dimension

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



53AF61



54E36A



53AF8F



4E574F



009617



001703

Inverse Universe

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



AF53A1



E354CD



AF5373



574E55



960080



170013

Previews

White Background



This preview shows how the Hex color 53AF61 looks on a white background.

Color Contrast Check

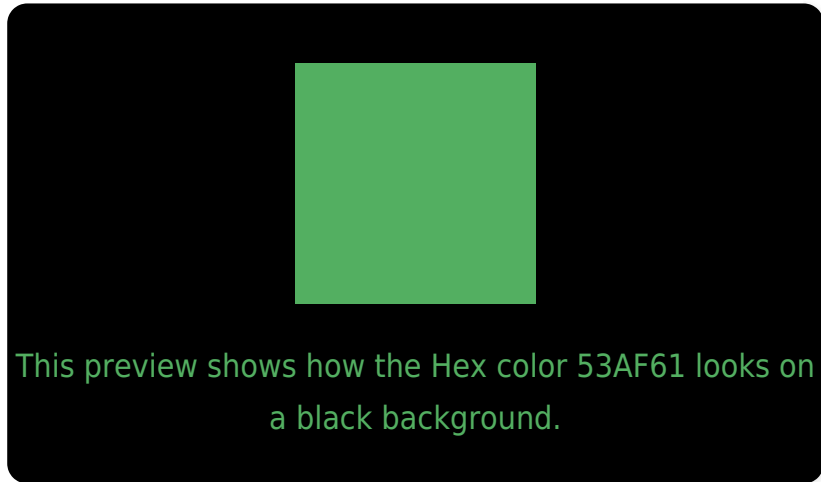
Large Text (above 18pt) WCAG AA × Fail

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

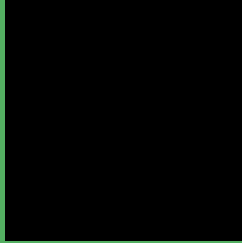
Any Text WCAG AA ✓ Pass

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 53AF61 Background



This preview shows how black text looks on a background with the Hex color 53AF61.

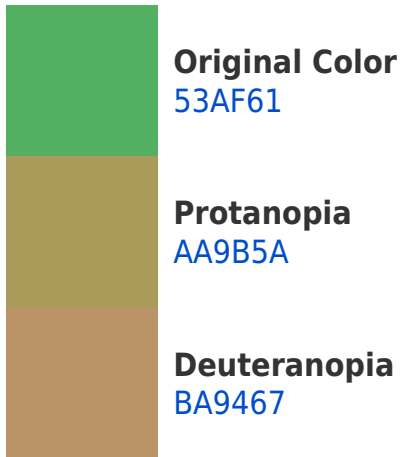


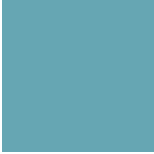
This preview shows how white text looks on a background with the Hex color 53AF61.

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
66A6B3

Trichromacy



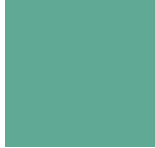
Original Color
53AF61



Protanomaly
8AA25D



Deuteranomaly
959E65



Tritanomaly
5FA995

Monochromacy



Original Color
53AF61



Achromatopsia
8B8B8B



Achromatomaly
77987C

CSS Examples

Text

The CSS property to change the color of the text to Hex 53AF61 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 #53AF61 looks like.

```
.text, #text, p{  
    color:#53AF61  
}
```

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 #53AF61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53AF61
}
```

Border

The CSS property to change the border of an element to Hex 53AF61 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
#53AF61 }
```

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

```
.border{ border-color:#53AF61 }
```

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

Here you see how a box with a 4 pixel #53AF61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53AF61; -webkit-box-shadow:4px 4px  
4px 4px #53AF61; box-shadow:4px 4px 4px  
4px #53AF61 }
```

Background

The CSS property to change the background color of an element to Hex 53AF61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53AF61 }
```

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

```
.background{ background-color:#53AF61 }
```

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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