

Converting Colors

Hex(47C656)

Have a look what the booklet for
Hex(47C656) contains.

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Color

Hex(47C656)

Conversions

Conversions Part 1

Format	Color
Hex	47C656
RGB	71, 198, 86
RGB Percent	28%, 78%, 34%
CMY	0.7216, 0.2235, 0.6627
CMYK	0.64, 0.00, 0.57, 0.22
HSL	127°, 53%, 53%
HSV	127°, 64%, 78%
XYZ	24.4723, 42.3996, 15.6982
YIQ	147.2590, -39.7400, -61.7560

Conversions

Conversions Part 2

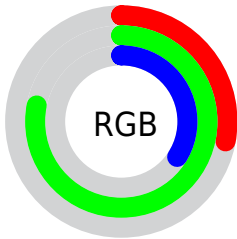
Format	Color
RYB	71, 185, 198
Decimal	4703830
CIELab	71.15, -57.54, 45.38
CIELCh	71, 73.280, 141.738
Yxy	42.3996, 0.2964, 0.5135
Android (android.graphics.Color)	4282893910 (0xFF47C656)
YUV	147.2590, -30.2007, -66.8791
Hunter-Lab	65.1150, -46.8652, 31.2866

Details

The Hex color **47C656** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C647B7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **85FF8B**, and **008F22** is the 20% darker color. If you saturate the color by 10%, you get **33C645**, and if you desaturate by 10%, it is **5BC667**.

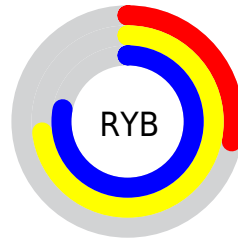
Distribution



Red (28%)

Green (78%)

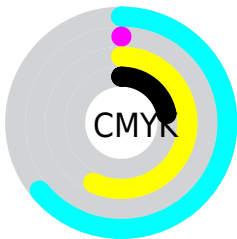
Blue (34%)



Red (28%)

Yellow (73%)

Blue (78%)

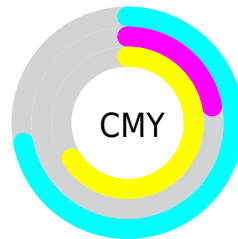


Cyan (64%)

Magenta (0%)

Yellow (57%)

Black (22%)



Cyan (72%)

Magenta (22%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47C656 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 47C656 by changing the saturation by 10% instead.

 47C656

 47C656

FFFFFF

 20AA3C

 85FF8B

 008F22

 A2FFA6

 007400

 C0FFC2

 005A00

 DEFFDE

 004100

 FCFFFB

 002B00

 000800

 000000

 47C656

 47C656

 33C645

 5BC667

 1FC633

 6FC679

 0CC622

 82C68A

 00C617

 96C69C

 AAC6AD

 BEC6BF

 D2C6D0

 E5C6E2

 F9C6F3

Harmonies

Analogous

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



A0B91B



47C656



00CC99

Triad

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



47C656



00BBFF



FF7081

Complementary

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



47C656



C647B7

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.



FF6EC4



47C656



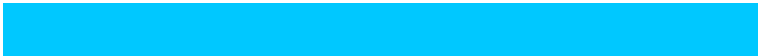
89A4FF

Square

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



47C656



00C8FF



ED86FF



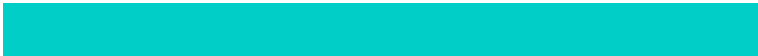
FF8945

Rectangle

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



47C656



00CEC7



ED86FF



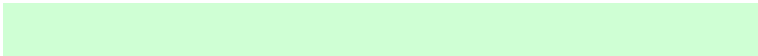
FF6C97

Sweetspot

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



47C656



CFFFD4



B7C647



628066



000000



808080

Same Dimension

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



47C656



3BFF52



47C695



5A635B



00A313



002404

Inverse Universe

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



C647B7



FF3BE8



C64778



635A62



A30090



24001F

Previews

White Background



This preview shows how the Hex color 47C656 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 47C656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

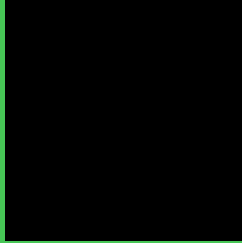
Any Text WCAG AA ✓ Pass

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 47C656 Background



This preview shows how black text looks on a background with the Hex color 47C656.

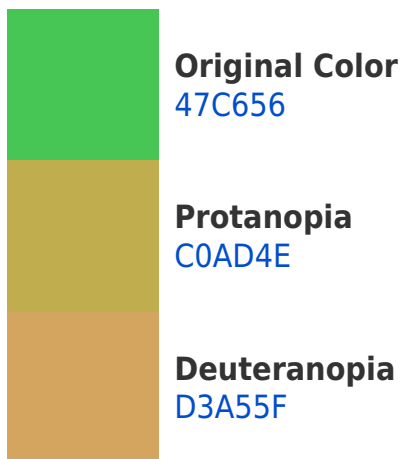


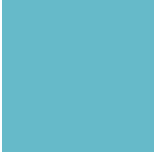
This preview shows how white text looks on a background with the Hex color 47C656.

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
66BAC9

Trichromacy



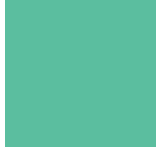
Original Color
47C656



Protanomaly
94B651



Deuteranomaly
A0B15C



Tritanomaly
5BBE9F

Monochromacy



Original Color
47C656



Achromatopsia
939393



Achromatomaly
77A67D

CSS Examples

Text

The CSS property to change the color of the text to Hex 47C656 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 #47C656 looks like.

```
.text, #text, p{  
    color:#47C656  
}
```

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 #47C656 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47C656
}
```

Border

The CSS property to change the border of an element to Hex 47C656 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
#47C656 }
```

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

```
.border{ border-color:#47C656 }
```

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

Here you see how a box with a 4 pixel #47C656 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47C656; -webkit-box-shadow:4px 4px  
4px 4px #47C656; box-shadow:4px 4px 4px  
4px #47C656 }
```

Background

The CSS property to change the background color of an element to Hex 47C656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47C656 }
```

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

```
.background{ background-color:#47C656 }
```

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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