

Converting Colors

Hex(25C463)

Have a look what the booklet for
Hex(25C463) contains.

Hex(25C463)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(25C463)

Conversions

Conversions Part 1

Format	Color
Hex	25C463
RGB	37, 196, 99
RGB Percent	15%, 77%, 39%
CMY	0.8549, 0.2314, 0.6118
CMYK	0.81, 0.00, 0.49, 0.23
HSL	143°, 68%, 46%
HSV	143°, 81%, 77%
XYZ	22.7550, 40.7740, 18.4752
YIQ	137.4010, -63.6270, -63.8750

Conversions

Conversions Part 2

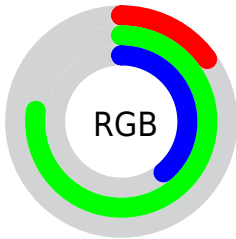
Format	Color
RYB	37, 151, 196
Decimal	2475107
CIELab	70.02, -60.30, 37.58
CIELCh	70, 71.050, 148.065
Yxy	40.7740, 0.2775, 0.4972
Android (android.graphics.Color)	4280665187 (0xFF25C463)
YUV	137.4010, -18.9317, -88.0517
Hunter-Lab	63.8545, -48.1357, 27.5436

Details

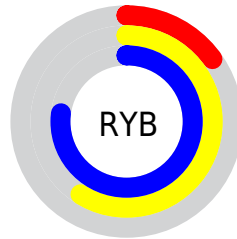
The Hex color **25C463** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C42586**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6EFE97**, and **008D31** is the 20% darker color. If you saturate the color by 10%, you get **11C457**, and if you desaturate by 10%, it is **39C46F**.

Distribution



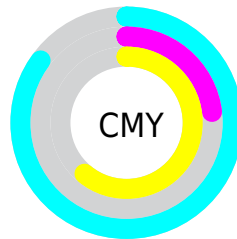
- Red (15%)
- Green (77%)
- Blue (39%)



- Red (15%)
- Yellow (59%)
- Blue (77%)



- Cyan (81%)
- Magenta (0%)
- Yellow (49%)
- Black (23%)



- Cyan (85%)
- Magenta (23%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25C463 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 25C463 by changing the saturation by 10% instead.

 25C463

 25C463

FFFFFF

 00A84A

 6EFE97

 008D31

 8DFFB3

 007218

 ACFFCF

 005800

 CAFFEB

 003F00


 E8FFFF

 002800

 000000

 25C463

 25C463

 11C457

 39C46F

 00C44C

 4CC47B

 60C487

 73C493

 87C49F

 9BC4AB

 AEC4B7

 C2C4C3

 D5C4CF

Harmonies

Analogous

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



8FB92A



25C463



00C9A5

Triad

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



25C463



00B4FF



FF7472

Complementary

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



25C463



C42586

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.



FF6CB2



25C463



A29CFF

Square

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



25C463



00C3FF



F57FF0



FF8D3B

Rectangle

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



25C463



00CAD1



F57FF0



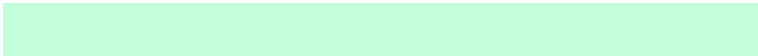
FF6E87

Sweetspot

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



25C463



C2FFDA



87C425



5B8069



000000



808080

Same Dimension

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



25C463



08FF68



25C4B1



57615B



00A13F



00210D

Inverse Universe

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



C42586



FF089F



C42538



61575D



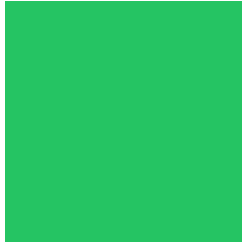
A10062



210014

Previews

White Background



This preview shows how the Hex color 25C463 looks on a white background.

Color Contrast Check

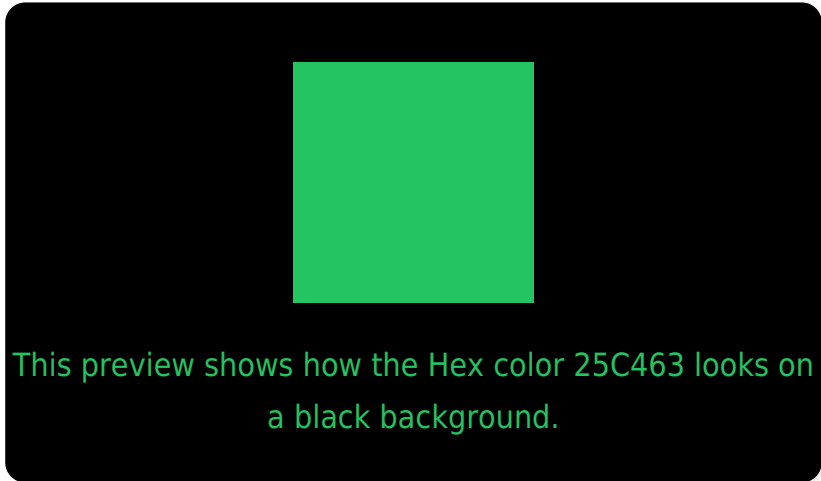
Large Text (above 18pt) WCAG AA × Fail

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 25C463 Background



This preview shows how black text looks on a background with the Hex color 25C463.

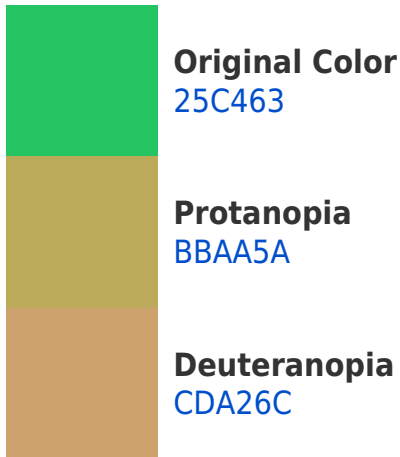


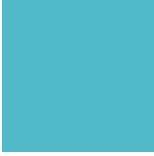
This preview shows how white text looks on a background with the Hex color 25C463.

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
52B9C8

Trichromacy



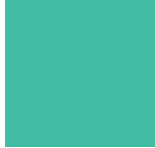
Original Color
25C463



Protanomaly
84B35D



Deuteranomaly
90AE69



Tritanomaly
42BDA3

Monochromacy



Original Color
25C463



Achromatopsia
898989



Achromatomaly
659E7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 25C463 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 #25C463 looks like.

```
.text, #text, p{  
    color:#25C463  
}
```

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 #25C463 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25C463
}
```

Border

The CSS property to change the border of an element to Hex 25C463 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
#25C463 }
```

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

```
.border{ border-color:#25C463 }
```

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

Here you see how a box with a 4 pixel #25C463 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25C463; -webkit-box-shadow:4px 4px  
4px 4px #25C463; box-shadow:4px 4px 4px  
4px #25C463 }
```

Background

The CSS property to change the background color of an element to Hex 25C463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25C463 }
```

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

```
.background{ background-color:#25C463 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor