

Converting Colors

Hex(25BE50)

Have a look what the booklet for
Hex(25BE50) contains.

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Color

Hex(25BE50)

Conversions

Conversions Part 1

Format	Color
Hex	25BE50
RGB	37, 190, 80
RGB Percent	15%, 75%, 31%
CMY	0.8549, 0.2549, 0.6863
CMYK	0.81, 0.00, 0.58, 0.25
HSL	137°, 67%, 45%
HSV	137°, 81%, 75%
XYZ	20.6244, 37.7994, 13.7984
YIQ	131.7130, -55.8780, -66.6460

Conversions

Conversions Part 2

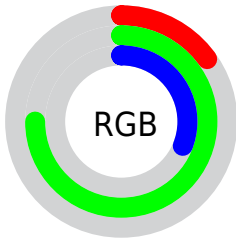
Format	Color
RYB	37, 156, 190
Decimal	2473552
CIELab	67.87, -61.06, 44.15
CIElCh	68, 75.350, 144.132
Yxy	37.7994, 0.2856, 0.5234
Android (android.graphics.Color)	4280663632 (0xFF25BE50)
YUV	131.7130, -25.4945, -83.0633
Hunter-Lab	61.4812, -47.7129, 29.7302

Details

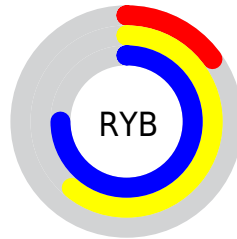
The Hex color **25BE50** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BE2593**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6DF884**, and **00871C** is the 20% darker color. If you saturate the color by 10%, you get **12BE42**, and if you desaturate by 10%, it is **38BE5E**.

Distribution



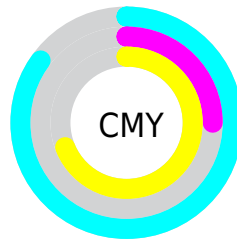
- Red (15%)
- Green (75%)
- Blue (31%)



- Red (15%)
- Yellow (61%)
- Blue (75%)



- Cyan (81%)
- Magenta (0%)
- Yellow (58%)
- Black (25%)



- Cyan (85%)
- Magenta (25%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25BE50 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 25BE50 by changing the saturation by 10% instead.

 25BE50

 25BE50

FFFFFF

 00A236

 6DF884

 00871C

 8CFF9F

 006D00

 AAFFBB


 005300

 C8FFD7

 003A00

 E7FFF4

 002200

 000000

 25BE50

 25BE50

 12BE42

 38BE5E

00BE35

4BBE6B

5EBE79

71BE87

84BE94

97BEA2

AABEB0

BDBEBD

D0BECB

Harmonies

Analogous

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



90B203



25BE50



00C495

Triad

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



25BE50



00B2FF



FF6572

Complementary

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



25BE50



BE2593

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.



FF60B6



25BE50



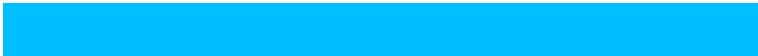
8899FF

Square

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



25BE50



00BFFF



EA79F6



FF8135

Rectangle

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



25BE50



00C5C5



EA79F6



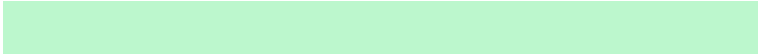
FF5F88

Sweetspot

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



25BE50



BCF7CD



95BE25



597D63



FCFCFC



7D7D7D

Same Dimension

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



25BE50



07F74B



25BE9A



555E58



009E2C



001F09

Inverse Universe

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



BE2593



F707B4



BE2549



5E555C



9E0072



1F0016

Previews

White Background



This preview shows how the Hex color 25BE50 looks on a white background.

Color Contrast Check

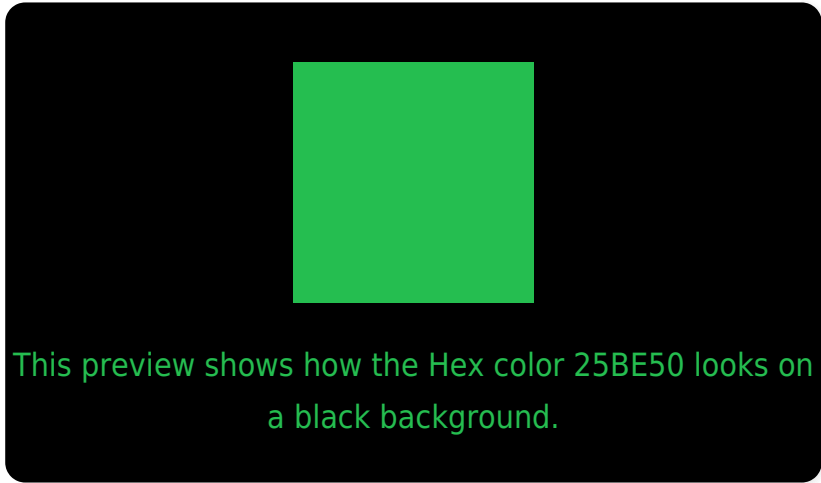
Large Text (above 18pt) WCAG AA × Fail

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 25BE50 Background



This preview shows how black text looks on a background with the Hex color 25BE50.

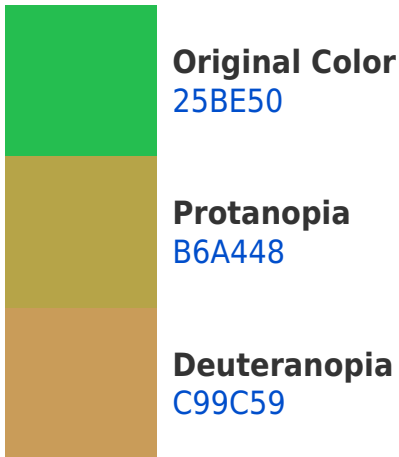


This preview shows how white text looks on a background with the Hex color 25BE50.

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
52B2C1

Trichromacy



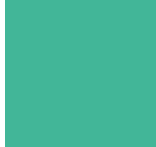
Original Color
25BE50



Protanomaly
81AD4B



Deuteranomaly
8DA856



Tritanomaly
42B698

Monochromacy



Original Color
25BE50



Achromatopsia
848484



Achromatomaly
619971

CSS Examples

Text

The CSS property to change the color of the text to Hex 25BE50 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 #25BE50 looks like.

```
.text, #text, p{  
    color:#25BE50  
}
```

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 #25BE50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25BE50
}
```

Border

The CSS property to change the border of an element to Hex 25BE50 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
#25BE50 }
```

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

```
.border{ border-color:#25BE50 }
```

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

Here you see how a box with a 4 pixel #25BE50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25BE50; -webkit-box-shadow:4px 4px  
4px 4px #25BE50; box-shadow:4px 4px 4px  
4px #25BE50 }
```

Background

The CSS property to change the background color of an element to Hex 25BE50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25BE50 }
```

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

```
.background{ background-color:#25BE50 }
```

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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