

Converting Colors

Hex(25DA50)

Have a look what the booklet for
Hex(25DA50) contains.

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Color

Hex(25DA50)

Conversions

Conversions Part 1

Format	Color
Hex	25DA50
RGB	37, 218, 80
RGB Percent	15%, 85%, 31%
CMY	0.8549, 0.1451, 0.6863
CMYK	0.83, 0.00, 0.63, 0.15
HSL	134°, 71%, 50%
HSV	134°, 83%, 85%
XYZ	27.2823, 51.1153, 16.0177
YIQ	148.1490, -63.5780, -81.2900

Conversions

Conversions Part 2

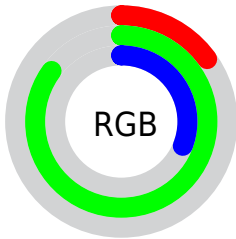
Format	Color
RYB	37, 183, 218
Decimal	2480720
CIELab	76.75, -69.95, 54.33
CIElCh	77, 88.575, 142.164
Yxy	51.1153, 0.2890, 0.5414
Android (android.graphics.Color)	4280670800 (0xFF25DA50)
YUV	148.1490, -33.5975, -97.4777
Hunter-Lab	71.4950, -57.0010, 36.7631

Details

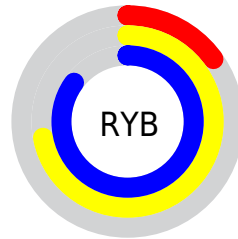
The Hex color **25DA50** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DA25AF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **75FF86**, and **00A115** is the 20% darker color. If you saturate the color by 10%, you get **0FDA3F**, and if you desaturate by 10%, it is **3BDA61**.

Distribution



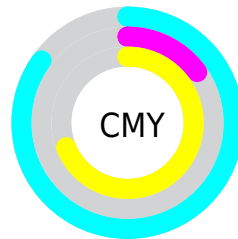
- Red (15%)
- Green (85%)
- Blue (31%)



- Red (15%)
- Yellow (72%)
- Blue (85%)



- Cyan (83%)
- Magenta (0%)
- Yellow (63%)
- Black (15%)



- Cyan (85%)
- Magenta (15%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25DA50 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 25DA50 by changing the saturation by 10% instead.

 25DA50

 25DA50

FFFFFF

 00BD35

 75FF86

 00A115

 95FFA2

 008600

 B4FFBE

 006B00

 D3FFDA

 005100

 F2FFF7

 003A00

 001F00

 000000

 25DA50

 25DA50

0FDA3F

3BDA61

00DA34

51DA71

66DA82

7CDA92

92DAA3

A8DAB4

BEDAC4

D3DAD5

E9DAE6

Harmonies

Analogous

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



A8CB00



25DA50



00E1A4

Triad

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



25DA50



00CEFF



FF6B85

Complementary

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



25DA50



DA25AF

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.



FF66D7



25DA50



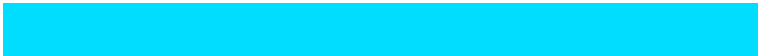
8BB1FF

Square

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



25DA50



00DDFF



FF89FF



FF8F38

Rectangle

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



25DA50



00E3DE



FF89FF



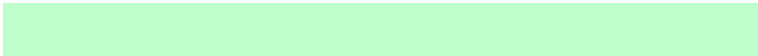
FF64A0

Sweetspot

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



25DA50



BFFFCE



B0DA25



598062



000000



808080

Same Dimension

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



25DA50



00FF3D



25DAAA



636E65



00AD29



002E0B

Inverse Universe

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



DA25AF



FF00C2



DA2555



6E636B



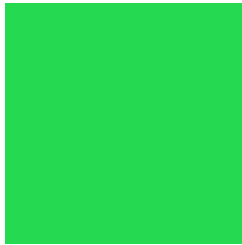
AD0084



2E0023

Previews

White Background



This preview shows how the Hex color 25DA50 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 25DA50 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 25DA50 Background



This preview shows how black text looks on a background with the Hex color 25DA50.

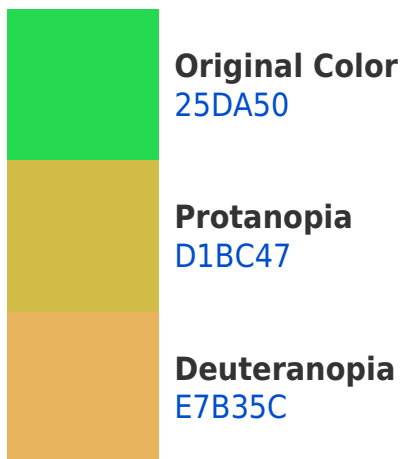


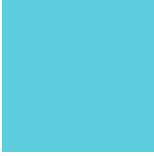
This preview shows how white text looks on a background with the Hex color 25DA50.

Color Blindness Simulation

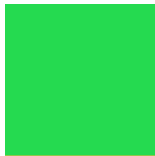
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



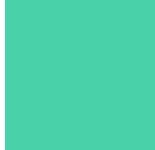
Original Color
25DA50



Protanomaly
92C74A



Deuteranomaly
A0C158



Tritanomaly
49D1AA

Monochromacy



Original Color
25DA50



Achromatopsia
949494



Achromatomaly
6CAD7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 25DA50 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 #25DA50 looks like.

```
.text, #text, p{  
    color:#25DA50  
}
```

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 #25DA50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25DA50
}
```

Border

The CSS property to change the border of an element to Hex 25DA50 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
#25DA50 }
```

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

```
.border{ border-color:#25DA50 }
```

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

Here you see how a box with a 4 pixel #25DA50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25DA50; -webkit-box-shadow:4px 4px  
4px 4px #25DA50; box-shadow:4px 4px 4px  
4px #25DA50 }
```

Background

The CSS property to change the background color of an element to Hex 25DA50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25DA50 }
```

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

```
.background{ background-color:#25DA50 }
```

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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