

# Converting Colors

Hex(25D10D)

Have a look what the booklet for  
Hex(25D10D) contains.

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**Color**

**Hex(25D10D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25D10D
RGB	37, 209, 13
RGB Percent	15%, 82%, 5%
CMY	0.8549, 0.1804, 0.9490
CMYK	0.82, 0.00, 0.94, 0.18
HSL	113°, 88%, 44%
HSV	113°, 94%, 82%
XYZ	23.6361, 46.0233, 8.0184
YIQ	135.2280, -39.5960, -97.4200

# Conversions

## Conversions Part 2

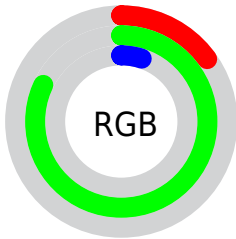
Format	Color
R <sub>YB</sub>	13, 209, 185
Decimal	2478349
CIE Lab	73.56, -71.61, 70.58
CIE LCh	74, 100.551, 135.415
Yxy	46.0233, 0.3043, 0.5925
Android (android.graphics.Color)	4280668429 (0xFF25D10D)
YUV	135.2280, -60.2584, -86.1460
Hunter-Lab	67.8405, -56.5303, 40.4805

# Details

The Hex color **25D10D** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **B90DD1**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **75FF56**, and **009900** is the 20% darker color. If you saturate the color by 10%, you get **1AD100**, and if you desaturate by 10%, it is **37D122**.

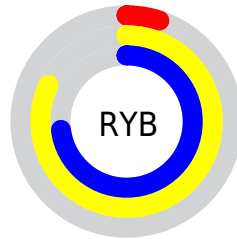
# Distribution



Red (15%)

Green (82%)

Blue (5%)



Red (5%)

Yellow (82%)

Blue (73%)

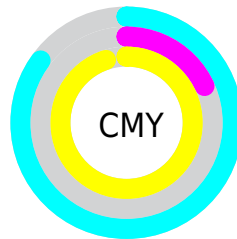


Cyan (82%)

Magenta (0%)

Yellow (94%)

Black (18%)



Cyan (85%)

Magenta (18%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25D10D 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 25D10D by changing the saturation by 10% instead.



 25D10D

 25D10D

FFFFFF

 00B500


 75FF56

 009900

 95FF73

 007E00

 B5FF90

 006300

 D4FFAC

 004900

 F3FFCA

 003100

 FFFFE7

 001500

 000000

 25D10D

 25D10D

 1AD100

 37D122

 4AD137

 5CD14C

 6ED161

 81D176

 93D18A

 A5D19F

 B8D1B4

 CAD1C9

# Harmonies

## Analogous

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



AEBF00



25D10D



00DA83

# Triad

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



25D10D



00CDFE



FF3C8A

# Complementary

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



25D10D



B90DD1

# 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.



FF48E6



25D10D



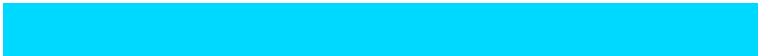
00B0FF

# Square

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



25D10D



00D9FF



F182FF



FF712F

# Rectangle

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



25D10D



00DCC4



F182FF



FF34A8

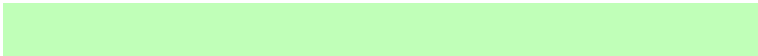


# Sweetspot

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



25D10D



C0FFB8



D1B70D



598054



000000



808080



# Same Dimension

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



25D10D



1FFF00



0DD155



5F695E



15A800



052900



# Inverse Universe

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



B90DD1



E000FF



D10D89



675E69



9400A8

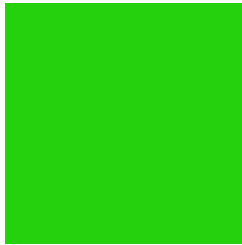


240029



# Previews

## White Background



This preview shows how the Hex color 25D10D looks on a white background.

## Color Contrast Check

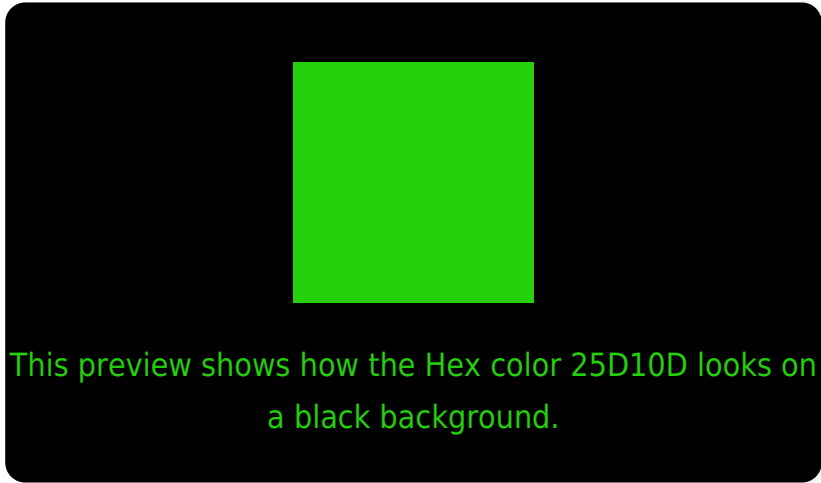
Large Text (above 18pt) WCAG AA × Fail

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 25D10D Background



This preview shows how black text looks on a background with the Hex color 25D10D.

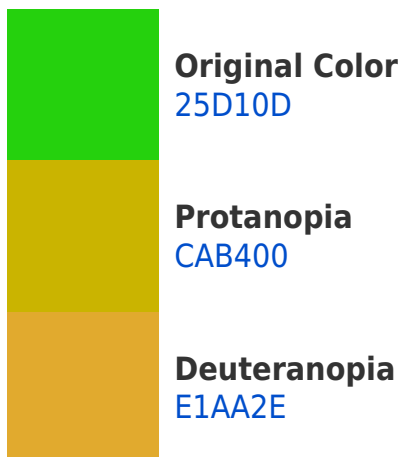


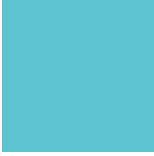
This preview shows how white text looks on a background with the Hex color 25D10D.

# 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](#).

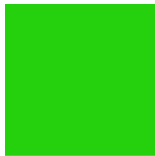
## Dichromacy





**Tritanopia**  
5DC2D2

# Trichromacy



**Original Color**  
25D10D



**Protanomaly**  
8EBF05



**Deuteranomaly**  
9DB822



**Tritanomaly**  
49C78A

# Monochromacy



**Original Color**  
25D10D



**Achromatopsia**  
878787



**Achromatomaly**  
63A25B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25D10D 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 #25D10D looks like.

```
.text, #text, p{  
    color:#25D10D  
}
```

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 #25D10D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25D10D
}
```

## Border

The CSS property to change the border of an element to Hex 25D10D 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
#25D10D }
```

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

```
.border{ border-color:#25D10D }
```

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

Here you see how a box with a 4 pixel #25D10D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25D10D; -webkit-box-shadow:4px 4px  
4px 4px #25D10D; box-shadow:4px 4px 4px  
4px #25D10D }
```

# Background

The CSS property to change the background color of an element to Hex 25D10D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25D10D }
```

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

```
.background{ background-color:#25D10D }
```

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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