

Converting Colors

Hex(25D064)

Have a look what the booklet for
Hex(25D064) contains.

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Color

Hex(25D064)

Conversions

Conversions Part 1

Format	Color
Hex	25D064
RGB	37, 208, 100
RGB Percent	15%, 82%, 39%
CMY	0.8549, 0.1843, 0.6078
CMYK	0.82, 0.00, 0.52, 0.18
HSL	142°, 70%, 48%
HSV	142°, 82%, 82%
XYZ	25.6191, 46.4252, 19.6673
YIQ	144.5590, -67.2480, -69.8400

Conversions

Conversions Part 2

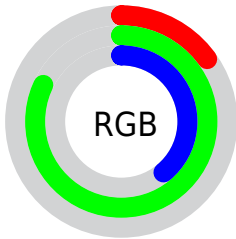
Format	Color
RYB	37, 162, 208
Decimal	2478180
CIELab	73.82, -64.18, 41.81
CIElCh	74, 76.592, 146.918
Yxy	46.4252, 0.2793, 0.5062
Android (android.graphics.Color)	4280668260 (0xFF25D064)
YUV	144.5590, -21.9676, -94.3292
Hunter-Lab	68.1360, -52.1222, 30.5813

Details

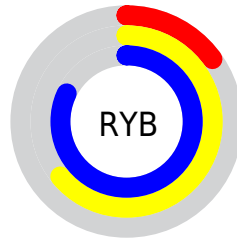
The Hex color **25D064** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D02591**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **71FF99**, and **009831** is the 20% darker color. If you saturate the color by 10%, you get **10D057**, and if you desaturate by 10%, it is **3AD071**.

Distribution



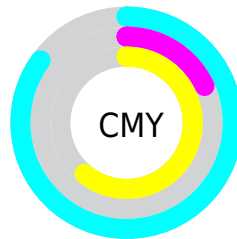
- Red (15%)
- Green (82%)
- Blue (39%)



- Red (15%)
- Yellow (64%)
- Blue (82%)



- Cyan (82%)
- Magenta (0%)
- Yellow (52%)
- Black (18%)



- Cyan (85%)
- Magenta (18%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25D064 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 25D064 by changing the saturation by 10% instead.

 25D064

 25D064

FFFFFF

 00B44A

 71FF99

 009831

 91FFB4

 007D16

 B0FFD0

 006300

 CEFFED

 004900

 EDFFFF

 003200

 001600

 000000

 25D064

 25D064

■ 10D057

■ 3AD071

■ 00D04D

■ 4FD07E

■ 63D08B

■ 78D099

■ 8DD0A6

■ A2D0B3

■ B7D0C0

■ CBD0CD

■ E0D0DA

Harmonies

Analogous

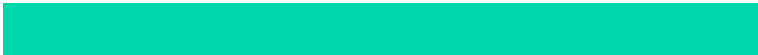
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9AC423



25D064



00D6AC

Triad

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



25D064



00C0FF



FF777A

Complementary

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



25D064



D02591

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.



FF6FC0



25D064



A6A6FF

Square

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



25D064



00CFFF



FF86FF



FF933D

Rectangle

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



25D064



00D6DC



FF86FF



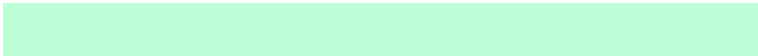
FF7191

Sweetspot

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



25D064



BFFFD7



91D025



598067



000000



808080

Same Dimension

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



25D064



03FF60



25D0B9



5E6962



00A83E



00290F

Inverse Universe

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



D02591



FF03A2



D0253C



695E65



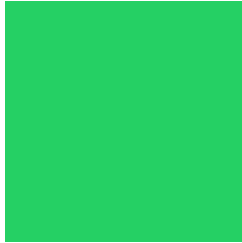
A8006A



29001A

Previews

White Background



This preview shows how the Hex color 25D064 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 25D064 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 25D064 Background



This preview shows how black text looks on a background with the Hex color 25D064.

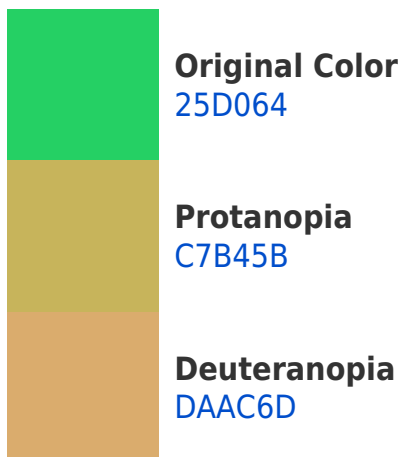


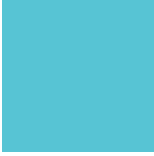
This preview shows how white text looks on a background with the Hex color 25D064.

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](#).

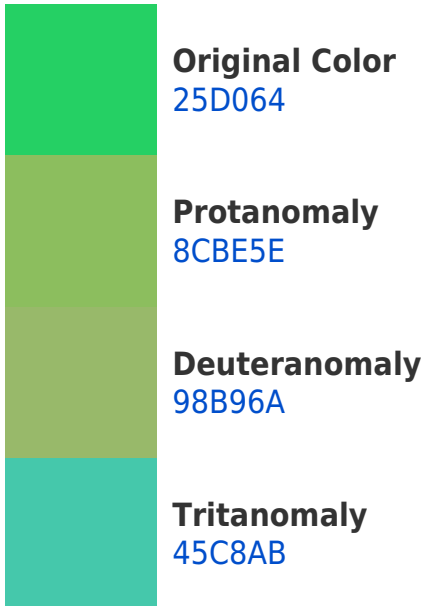
Dichromacy



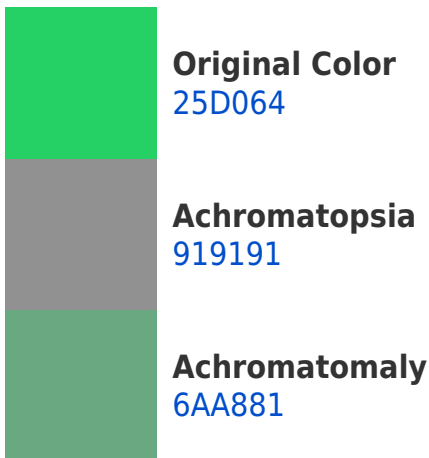


Tritanopia
57C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 25D064 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 #25D064 looks like.

```
.text, #text, p{  
    color:#25D064  
}
```

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 #25D064 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25D064
}
```

Border

The CSS property to change the border of an element to Hex 25D064 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
#25D064 }
```

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

```
.border{ border-color:#25D064 }
```

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

Here you see how a box with a 4 pixel #25D064 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25D064; -webkit-box-shadow:4px 4px  
4px 4px #25D064; box-shadow:4px 4px 4px  
4px #25D064 }
```

Background

The CSS property to change the background color of an element to Hex 25D064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25D064 }
```

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

```
.background{ background-color:#25D064 }
```

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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