

Converting Colors

Hex(30D25B)

Have a look what the booklet for
Hex(30D25B) contains.

Hex(30D25B)	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(30D25B)

Conversions

Conversions Part 1

Format	Color
Hex	30D25B
RGB	48, 210, 91
RGB Percent	19%, 82%, 36%
CMY	0.8118, 0.1765, 0.6431
CMYK	0.77, 0.00, 0.57, 0.18
HSL	136°, 64%, 51%
HSV	136°, 77%, 82%
XYZ	26.1538, 47.4769, 17.6830
YIQ	147.9960, -58.3530, -71.3530

Conversions

Conversions Part 2

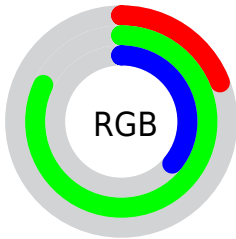
Format	Color
RYB	48, 176, 210
Decimal	3199579
CIELab	74.49, -64.85, 46.91
CIELCh	74, 80.032, 144.120
Yxy	47.4769, 0.2864, 0.5199
Android (android.graphics.Color)	4281389659 (0xFF30D25B)
YUV	147.9960, -28.0990, -87.6965
Hunter-Lab	68.9035, -52.8275, 33.0166

Details

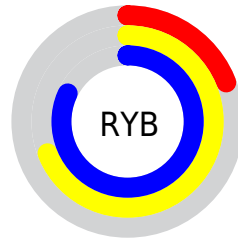
The Hex color **30D25B** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark muted green. A complement of this color would be **D230A7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **78FF90**, and **009A26** is the 20% darker color. If you saturate the color by 10%, you get **1BD24C**, and if you desaturate by 10%, it is **45D26A**.

Distribution



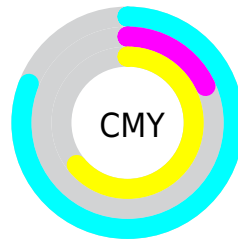
- Red (19%)
- Green (82%)
- Blue (36%)



- Red (19%)
- Yellow (69%)
- Blue (82%)



- Cyan (77%)
- Magenta (0%)
- Yellow (57%)
- Black (18%)



- Cyan (81%)
- Magenta (18%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30D25B 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 30D25B by changing the saturation by 10% instead.

 30D25B

 30D25B

FFFFFF

 00B641

 78FF90

 009A26

 97FFAB

 007F05

 B5FFC7

 006500

 D4FFE4

 004B00

 F3FFFF

 003400

 001800

 000000

 30D25B

 30D25B

 1BD24C

 45D26A

 06D23C

 5AD27A

 00D238

 6FD289

 84D299

 99D2A8

 AED2B8

 C3D2C7

 D8D2D6

 EDD2E6

Harmonies

Analogous

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



A1C50F



30D25B



00D8A6

Triad

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



30D25B



00C4FF



FF7280

Complementary

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



30D25B



D230A7

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.



FF6DC9



30D25B



99AAFF

Square

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



30D25B



00D3FF



FF87FF



FF903E

Rectangle

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



30D25B



00D9D9



FF87FF



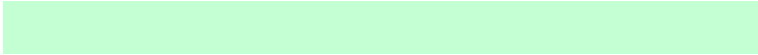
FF6C98

Sweetspot

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



30D25B



C4FFD4



AAD230



5C8065



000000



808080

Same Dimension

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



30D25B



12FF51



30D2AA



5E6961



00A82D



00290B

Inverse Universe

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



D230A7



FF12C0



D23058



695E66



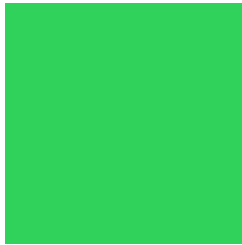
A8007C



29001E

Previews

White Background



This preview shows how the Hex color 30D25B 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

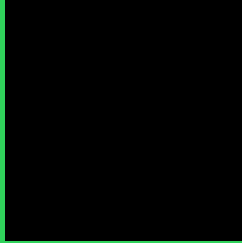
Any Text WCAG AA ✓ Pass

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 30D25B Background



This preview shows how black text looks on a background with the Hex color 30D25B.

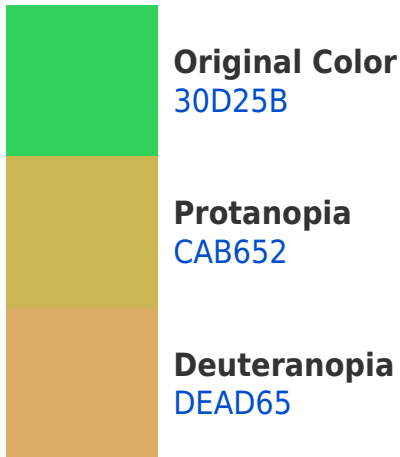


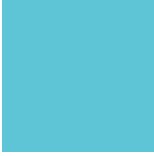
This preview shows how white text looks on a background with the Hex color 30D25B.

Color Blindness Simulation

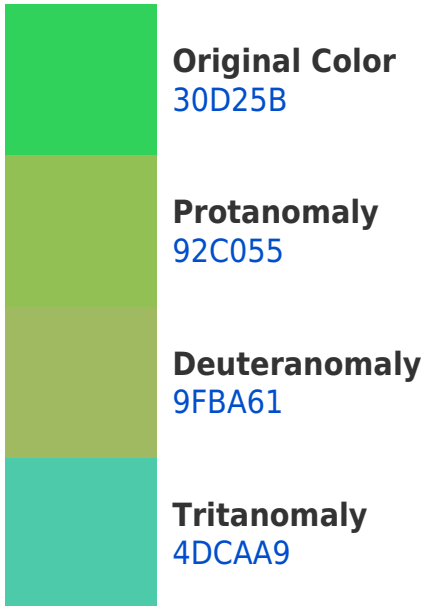
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

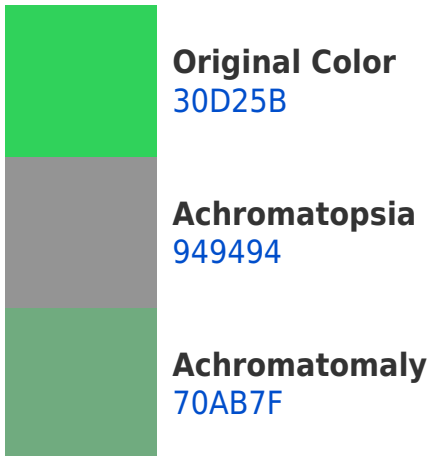




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30D25B 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 #30D25B looks like.

```
.text, #text, p{  
    color:#30D25B  
}
```

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 #30D25B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30D25B
}
```

Border

The CSS property to change the border of an element to Hex 30D25B 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
#30D25B }
```

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

```
.border{ border-color:#30D25B }
```

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

Here you see how a box with a 4 pixel #30D25B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30D25B; -webkit-box-shadow:4px 4px  
4px 4px #30D25B; box-shadow:4px 4px 4px  
4px #30D25B }
```

Background

The CSS property to change the background color of an element to Hex 30D25B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30D25B }
```

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

```
.background{ background-color:#30D25B }
```

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