

Converting Colors

Hex(14DB5D)

Have a look what the booklet for
Hex(14DB5D) contains.

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Color

Hex(14DB5D)

Conversions

Conversions Part 1

Format	Color
Hex	14DB5D
RGB	20, 219, 93
RGB Percent	8%, 86%, 36%
CMY	0.9216, 0.1412, 0.6353
CMYK	0.91, 0.00, 0.58, 0.14
HSL	142°, 83%, 47%
HSV	142°, 91%, 86%
XYZ	27.5958, 51.6021, 18.8617
YIQ	145.1350, -78.1580, -81.3740

Conversions

Conversions Part 2

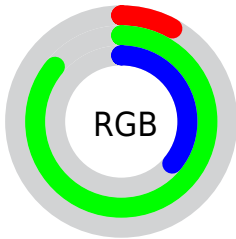
Format	Color
RYB	20, 166, 219
Decimal	1366877
CIELab	77.04, -69.96, 48.93
CIELCh	77, 85.372, 145.033
Yxy	51.6021, 0.2814, 0.5262
Android (android.graphics.Color)	4279556957 (0xFF14DB5D)
YUV	145.1350, -25.7026, -109.7434
Hunter-Lab	71.8346, -57.1384, 34.7164

Details

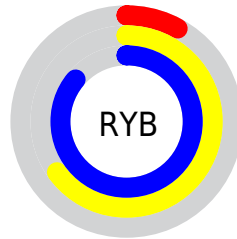
The Hex color **14DB5D** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **DB1492**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6EFF92**, and **00A228** is the 20% darker color. If you saturate the color by 10%, you get **00DB50**, and if you desaturate by 10%, it is **2ADB6B**.

Distribution



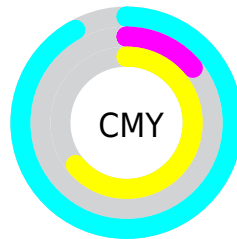
- Red (8%)
- Green (86%)
- Blue (36%)



- Red (8%)
- Yellow (65%)
- Blue (86%)



- Cyan (91%)
- Magenta (0%)
- Yellow (58%)
- Black (14%)



- Cyan (92%)
- Magenta (14%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14DB5D 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 14DB5D by changing the saturation by 10% instead.

 14DB5D

 14DB5D

FFFFFF

 00BE43

 6EFF92

 00A228

 8FFFAE

 008705

 AFFFCA


 006C00

 CEFFE7

 005200

 EDFFFF

 003A00

 002000

 000000

 14DB5D

 14DB5D

 00DB50

 2ADB6B

 40DB79

 56DB87

 6CDB94

 82DBA2

 97DBB0

 ADDBBE

 C3DBCC

 D9DBDA

Harmonies

Analogous

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



A3CD00



14DB5D



00E1AE

Triad

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



14DB5D



00CCFF



FF7380

Complementary

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



14DB5D



DB1492

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.



FF6BCF



14DB5D



A0AFFF

Square

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



14DB5D



00DCFF



FF89FF



FF9538

Rectangle

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



14DB5D



00E2E5



FF89FF



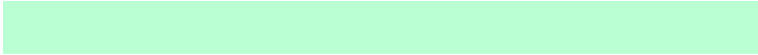
FF6C9A

Sweetspot

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



14DB5D



BAFFD3



92DB14



578066



000000



808080

Same Dimension

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



14DB5D



00FF5E



14DBC0



636E67



00AD40



002E11

Inverse Universe

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



DB1492



FF00A1



DB142F



6E636A



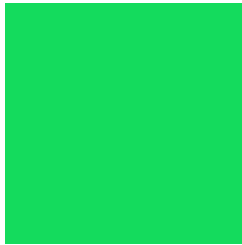
AD006E



2E001D

Previews

White Background



This preview shows how the Hex color 14DB5D 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 14DB5D 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 14DB5D Background



This preview shows how black text looks on a background with the Hex color 14DB5D.

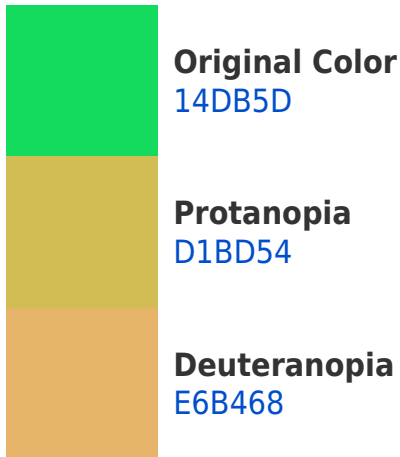


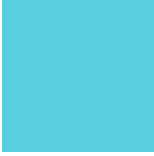
This preview shows how white text looks on a background with the Hex color 14DB5D.

Color Blindness Simulation

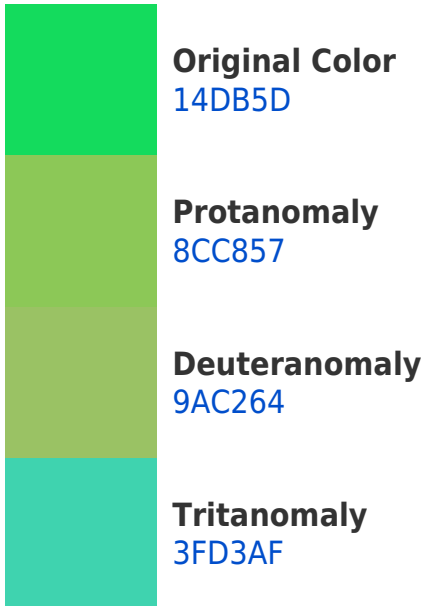
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

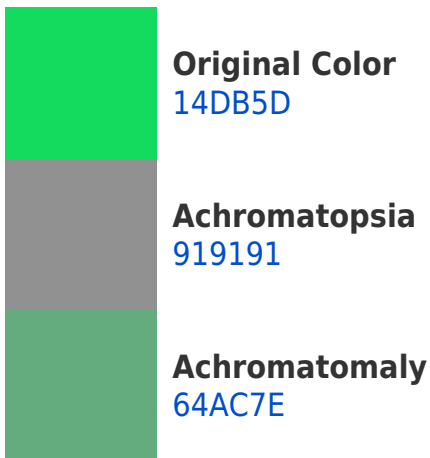




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 14DB5D 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 #14DB5D looks like.

```
.text, #text, p{  
    color:#14DB5D  
}
```

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 #14DB5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14DB5D
}
```

Border

The CSS property to change the border of an element to Hex 14DB5D 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
#14DB5D }
```

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

```
.border{ border-color:#14DB5D }
```

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

Here you see how a box with a 4 pixel #14DB5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14DB5D; -webkit-box-shadow:4px 4px  
4px 4px #14DB5D; box-shadow:4px 4px 4px  
4px #14DB5D }
```

Background

The CSS property to change the background color of an element to Hex 14DB5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14DB5D }
```

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

```
.background{ background-color:#14DB5D }
```

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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