

# Converting Colors

Hex(15D473)

Have a look what the booklet for  
Hex(15D473) contains.

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# Color

Hex(15D473)

# Conversions

## Conversions Part 1

Format	Color
Hex	15D473
RGB	21, 212, 115
RGB Percent	8%, 83%, 45%
CMY	0.9176, 0.1686, 0.5490
CMYK	0.90, 0.00, 0.46, 0.17
HSL	150°, 82%, 46%
HSV	150°, 90%, 83%
XYZ	26.9473, 48.4842, 24.1578
YIQ	143.8330, -82.6990, -70.6590

# Conversions

## Conversions Part 2

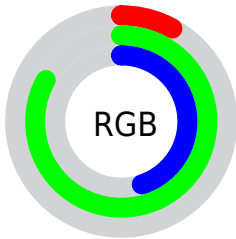
Format	Color
R <sub>Y</sub> B	21, 149, 212
Decimal	1430643
CIE Lab	75.13, -64.33, 36.04
CIE LCh	75, 73.738, 150.739
Yxy	48.4842, 0.2706, 0.4868
Android (android.graphics.Color)	4279620723 (0xFF15D473)
YUV	143.8330, -14.2147, -107.7245
Hunter-Lab	69.6306, -52.7735, 28.1712




# Details

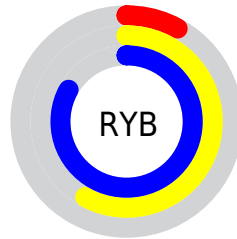
The Hex color **15D473** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D41576**, and the grayscale version is **909090**.




A 20% lighter version of the original color is **6CFFA8**, and **009C41** is the 20% darker color. If you saturate the color by 10%, you get **00D468**, and if you desaturate by 10%, it is **2AD47E**.

# Distribution







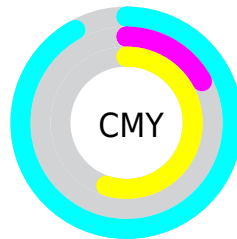
-  Red (8%)
-  Green (83%)
-  Blue (45%)






-  Red (8%)
-  Yellow (58%)
-  Blue (83%)



-  Cyan (90%)
-  Magenta (0%)
-  Yellow (46%)
-  Black (17%)



-  Cyan (92%)
-  Magenta (17%)
-  Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15D473 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 15D473 by changing the saturation by 10% instead.



 15D473

 15D473

FFFFFF

 00B85A

 6CFFA8

 009C41

 8CFFC4

 008128

 ACFFE0

 00660E

 CBFFFD

 004C00

 E9FFF

 003500

 001B00

 000000

 15D473

 15D473

 00D468

 2AD47E

 3FD489

 55D493

 6AD49E

 7FD4A9

 94D4B4

 A9D4BE

 BFD4C9

 D4D4D4

# Harmonies

## Analogous

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



95C937



15D473



00D9B9

# Triad

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



15D473



00C0FF



FF8178

# Complementary

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



15D473



D41576

# 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.



FF77BA



15D473



BAA6FF

# Square

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



15D473



00D1FF



FF88FD



FF9C3F

# Rectangle

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



15D473



00D9E7



FF88FD



FF7B8D

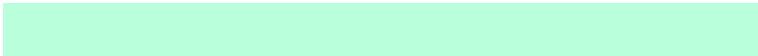


# Sweetspot

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



15D473



BAFFDC



78D415



57806B



000000



808080



# Same Dimension

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



15D473



00FF7D



15D4D1



606B66



00AB54



002B15



# Inverse Universe

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



D41576



FF0082



D41518



6B6066



AB0057



2B0016



# Previews

## White Background



This preview shows how the Hex color 15D473 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 15D473 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 15D473 Background



This preview shows how black text looks on a background with the Hex color 15D473.

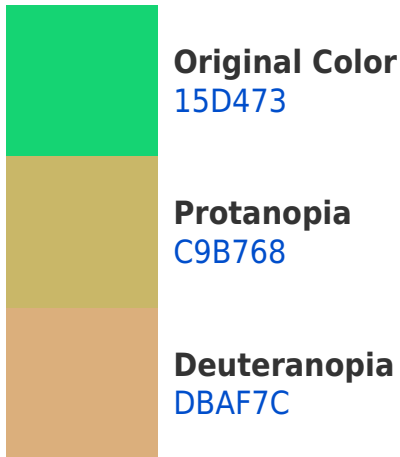


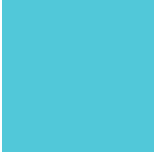
This preview shows how white text looks on a background with the Hex color 15D473.

# 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**  
51C8D9

# Trichromacy



**Original Color**  
15D473



**Protanomaly**  
88C26C



**Deuteranomaly**  
93BC79



**Tritanomaly**  
3BCCB4

# Monochromacy



**Original Color**  
15D473



**Achromatopsia**  
909090



**Achromatomaly**  
63A985

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15D473 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 #15D473 looks like.

```
.text, #text, p{  
    color:#15D473  
}
```

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 #15D473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15D473
}
```

## Border

The CSS property to change the border of an element to Hex 15D473 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
#15D473 }
```

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

```
.border{ border-color:#15D473 }
```

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

Here you see how a box with a 4 pixel #15D473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15D473; -webkit-box-shadow:4px 4px  
4px 4px #15D473; box-shadow:4px 4px 4px  
4px #15D473 }
```

# Background

The CSS property to change the background color of an element to Hex 15D473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15D473 }
```

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

```
.background{ background-color:#15D473 }
```

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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