

Converting Colors

Hex(45DF73)

Have a look what the booklet for
Hex(45DF73) contains.

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Color

Hex(45DF73)

Conversions

Conversions Part 1

Format	Color
Hex	45DF73
RGB	69, 223, 115
RGB Percent	27%, 87%, 45%
CMY	0.7294, 0.1255, 0.5490
CMYK	0.69, 0.00, 0.48, 0.13
HSL	138°, 71%, 57%
HSV	138°, 69%, 87%
XYZ	31.9364, 55.2784, 25.2062
YIQ	164.6420, -57.1160, -66.2360

Conversions

Conversions Part 2

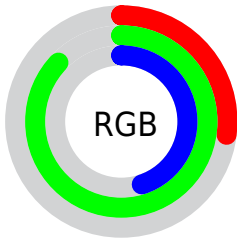
Format	Color
RYB	69, 188, 223
Decimal	4579187
CIELab	79.20, -62.75, 41.34
CIELCh	79, 75.138, 146.623
Yxy	55.2784, 0.2841, 0.4917
Android (android.graphics.Color)	4282769267 (0xFF45DF73)
YUV	164.6420, -24.4735, -83.8780
Hunter-Lab	74.3494, -53.4377, 31.9439

Details

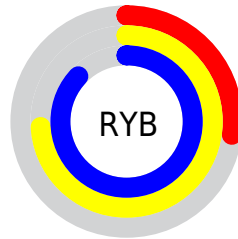
The Hex color **45DF73** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DF45B1**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **87FFA9**, and **00A640** is the 20% darker color. If you saturate the color by 10%, you get **2FDF63**, and if you desaturate by 10%, it is **5BDF83**.

Distribution



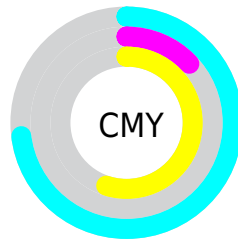
- Red (27%)
- Green (87%)
- Blue (45%)



- Red (27%)
- Yellow (74%)
- Blue (87%)



- Cyan (69%)
- Magenta (0%)
- Yellow (48%)
- Black (13%)



- Cyan (73%)
- Magenta (13%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45DF73 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 45DF73 by changing the saturation by 10% instead.

 45DF73

 45DF73

FFFFFF

 14C259

 87FFA9

 00A640

 A6FFC4

 008B27

 C4FFE1

 007009

 E3FFE1

 005700

 003E00

 002600

 000000

 45DF73

 45DF73

 2FDF63

 5BDF83

 18DF54

 72DF92

 02DF44

 88DFA2

 00DF43

 9EDFB2

 B4DFC1

 CBDFD1

 E1DFE0

 F7DFF0

 FFDFFF

Harmonies

Analogous

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



ABD339



45DF73



00E5BA

Triad

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



45DF73



00CFFF



FF888A

Complementary

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



45DF73



DF45B1

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.



FF82CF



45DF73



B6B5FF

Square

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



45DF73



00DEFF



FF96FF



FFA34E

Rectangle

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



45DF73



00E6EA



FF96FF



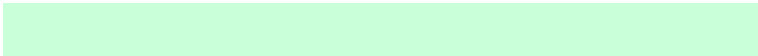
FF83A0

Sweetspot

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



45DF73



C9FFD9



B3DF45



608069



000000



808080

Same Dimension

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



45DF73



2BFF6B



45DFBE



657068



00B035



00300E

Inverse Universe

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



DF45B1



FF2BC0



DF4566



70656D



B0007B



300022

Previews

White Background



This preview shows how the Hex color 45DF73 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 45DF73 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

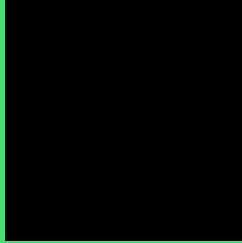
Any Text WCAG AA ✓ Pass

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 45DF73 Background



This preview shows how black text looks on a background with the Hex color 45DF73.

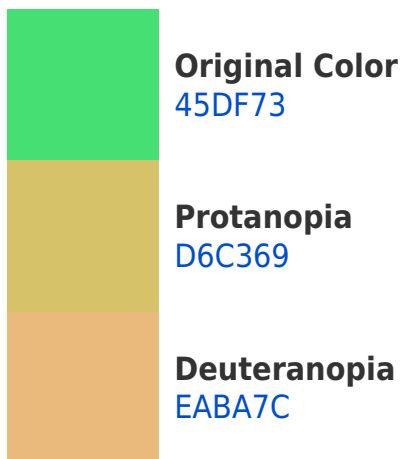


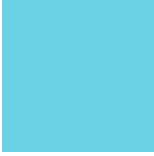
This preview shows how white text looks on a background with the Hex color 45DF73.

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
6AD2E4

Trichromacy



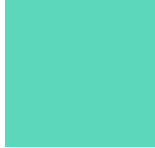
Original Color
45DF73



Protanomaly
A1CD6D



Deuteranomaly
AEC779



Tritanomaly
5DD7BB

Monochromacy



Original Color
45DF73



Achromatopsia
A5A5A5



Achromatomaly
82BA93

CSS Examples

Text

The CSS property to change the color of the text to Hex 45DF73 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 #45DF73 looks like.

```
.text, #text, p{  
    color:#45DF73  
}
```

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 #45DF73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45DF73
}
```

Border

The CSS property to change the border of an element to Hex 45DF73 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
#45DF73 }
```

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

```
.border{ border-color:#45DF73 }
```

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

Here you see how a box with a 4 pixel #45DF73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45DF73; -webkit-box-shadow:4px 4px  
4px 4px #45DF73; box-shadow:4px 4px 4px  
4px #45DF73 }
```

Background

The CSS property to change the background color of an element to Hex 45DF73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45DF73 }
```

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

```
.background{ background-color:#45DF73 }
```

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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