

# Converting Colors

Hex(73A455)

Have a look what the booklet for  
Hex(73A455) contains.

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# **Color**

**Hex(73A455)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73A455
RGB	115, 164, 85
RGB Percent	45%, 64%, 33%
CMY	0.5490, 0.3569, 0.6667
CMYK	0.30, 0.00, 0.48, 0.36
HSL	97°, 32%, 49%
HSV	97°, 48%, 64%
XYZ	21.9854, 30.8516, 13.3905
YIQ	140.3430, -3.8450, -34.9570

# Conversions

## Conversions Part 2

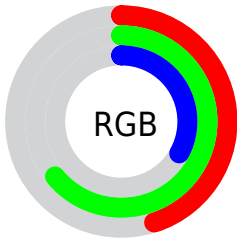
Format	Color
<a href="#">RYB</a>	<a href="#">85, 164, 134</a>
Decimal	<a href="#">7578709</a>
CIELab	<a href="#">62.38, -30.93, 35.68</a>
CIElCh	<a href="#">62, 47.220, 130.916</a>
Yxy	<a href="#">30.8516, 0.3320, 0.4658</a>
Android (android.graphics.Color)	<a href="#">4285768789</a> ( <a href="#">0xFF73A455</a> )
YUV	<a href="#">140.3430, -27.2841, -22.2258</a>
Hunter-Lab	<a href="#">55.5442, -26.5490, 24.5874</a>

# Details

The Hex color **73A455** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8655A4**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A9DB88**, and **3F7024** is the 20% darker color. If you saturate the color by 10%, you get **69A445**, and if you desaturate by 10%, it is **7DA465**.

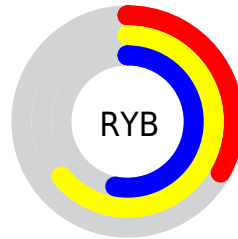
# Distribution



Red (45%)

Green (64%)

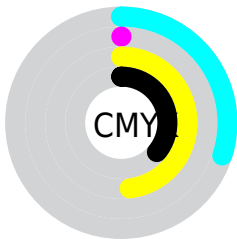
Blue (33%)



Red (33%)

Yellow (64%)

Blue (53%)

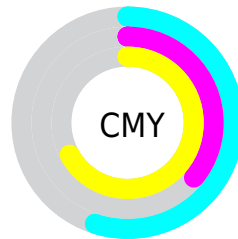


Cyan (30%)

Magenta (0%)

Yellow (48%)

Black (36%)



Cyan (55%)

Magenta (36%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73A455 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 73A455 by changing the saturation by 10% instead.



 73A455

 73A455

FFFFFF

 59893D

 A9DB88

 3F7024

 C5F8A3

 26570B

 E1FFBE

 0B3F00

 FFFFDA

 002900

 FFFFF7

 000F00

 000000

 73A455

 73A455

 69A445

 7DA465

 5FA434

 87A476

 54A424

 92A486

 4AA413

 9CA497

 40A403

 A6A4A7

 3EA400

 B0A4B7

 BAA4C8

 C4A4D8

 CFA4E9

# Harmonies

## Analogous

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



A19941



73A455



31AA7A

# Triad

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



73A455



00A3E5



E57389

# Complementary

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



73A455



8655A4

# 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.



D677B3



73A455



6B96E9

# Square

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



73A455



00AACD



AE86D6



DE7C62

# Rectangle

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



73A455



00AC97



AE86D6



E37397



# Sweetspot

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



73A455



C4D6B8



A48655



606B59



EBEBEB



6B6B6B



# Same Dimension

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



73A455



89D65A



55A45E



4D5249



379100



071200



# Inverse Universe

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



8655A4



A75AD6



A4559B



4F4952



5A0091



0B0012



# Previews

## White Background



This preview shows how the Hex color 73A455 looks on a white background.

## Color Contrast Check

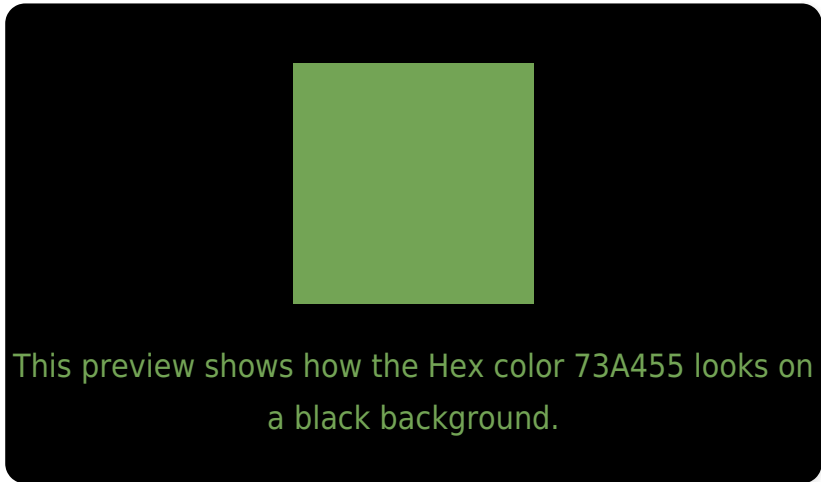
Large Text (above 18pt) WCAG AA × Fail

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 73A455 Background



This preview shows how black text looks on a background with the Hex color 73A455.



This preview shows how white text looks on a background with the Hex color 73A455.

# 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



**Original Color**  
73A455

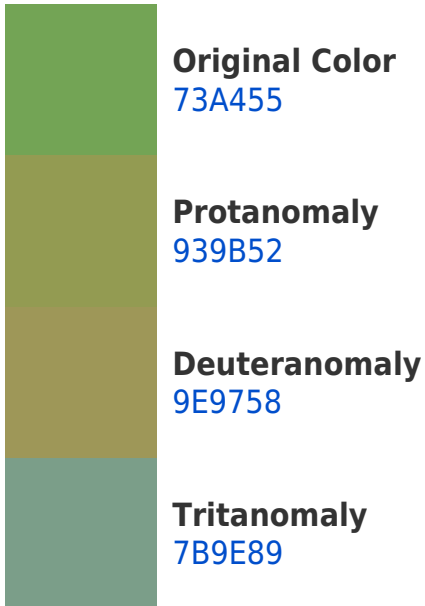
**Protanopia**  
A69650

**Deuteranopia**  
B68F5A



**Tritanopia**  
809BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73A455 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 #73A455 looks like.

```
.text, #text, p{  
    color:#73A455  
}
```

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 #73A455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73A455
}
```

## Border

The CSS property to change the border of an element to Hex 73A455 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
#73A455 }
```

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

```
.border{ border-color:#73A455 }
```

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

Here you see how a box with a 4 pixel #73A455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73A455; -webkit-box-shadow:4px 4px  
4px 4px #73A455; box-shadow:4px 4px 4px  
4px #73A455 }
```

# Background

The CSS property to change the background color of an element to Hex 73A455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73A455 }
```

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

```
.background{ background-color:#73A455 }
```

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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