

Converting Colors

Hex(35A453)

Have a look what the booklet for
Hex(35A453) contains.

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Color

Hex(35A453)

Conversions

Conversions Part 1

Format	Color
Hex	35A453
RGB	53, 164, 83
RGB Percent	21%, 64%, 33%
CMY	0.7922, 0.3569, 0.6745
CMYK	0.68, 0.00, 0.49, 0.36
HSL	136°, 51%, 43%
HSV	136°, 68%, 64%
XYZ	16.3050, 27.9323, 12.7157
YIQ	121.5770, -40.1550, -48.7230

Conversions

Conversions Part 2

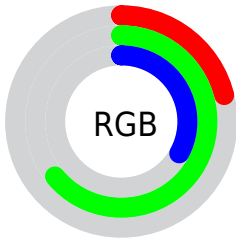
Format	Color
RYB	53, 140, 164
Decimal	3515475
CIELab	59.83, -49.02, 32.98
CIElCh	60, 59.083, 146.071
Yxy	27.9323, 0.2863, 0.4904
Android (android.graphics.Color)	4281705555 (0xFF35A453)
YUV	121.5770, -19.0185, -60.1420
Hunter-Lab	52.8511, -37.4206, 22.7308

Details

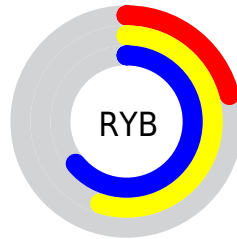
The Hex color **35A453** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A43586**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **71DC86**, and **006F23** is the 20% darker color. If you saturate the color by 10%, you get **25A447**, and if you desaturate by 10%, it is **45A45F**.

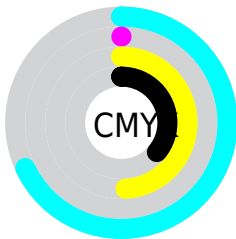
Distribution



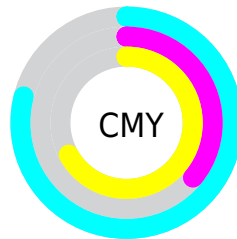
- Red (21%)
- Green (64%)
- Blue (33%)



- Red (21%)
- Yellow (55%)
- Blue (64%)



- Cyan (68%)
- Magenta (0%)
- Yellow (49%)
- Black (36%)



- Cyan (79%)
- Magenta (36%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35A453 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 35A453 by changing the saturation by 10% instead.

 35A453

 35A453


FFFFFF

 08893B

 71DC86

 006F23

 8EF9A1

 005609

 AAFFBC

 003D00

 C7FFD8

 002700

 E5FFF5

 000000

 35A453

 35A453

 25A447

 45A45F

 14A43B

 56A46B

 04A42F

 66A477

 00A42C

 77A483

 87A48F

 97A49B

 A8A4A7

 B8A4B3

 C9A4BF

Harmonies

Analogous

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



7E9B29



35A453



00A887

Triad

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



35A453



0098F8



ED6466

Complementary

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



35A453



A43586

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.



EA5F99



35A453



8485EE

Square

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



35A453



00A4E6



C96FCB



D77739

Rectangle

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



35A453



00A9AB



C96FCB



EF6076

Sweetspot

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



35A453



ABD6B7



86A435



516B58



EBEBEB



6B6B6B

Same Dimension

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



35A453



29D658



35A48A



49524C



009127



001205

Inverse Universe

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



A43586



D629A7



A4354F



52494F



91006A



12000D

Previews

White Background



This preview shows how the Hex color 35A453 looks on a white background.

Color Contrast Check

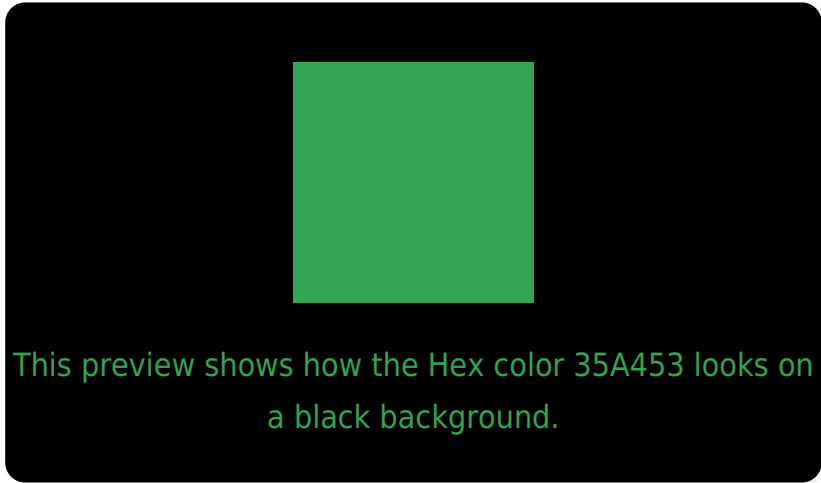
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 35A453 Background



This preview shows how black text looks on a background with the Hex color 35A453.



This preview shows how white text looks on a background with the Hex color 35A453.

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
35A453

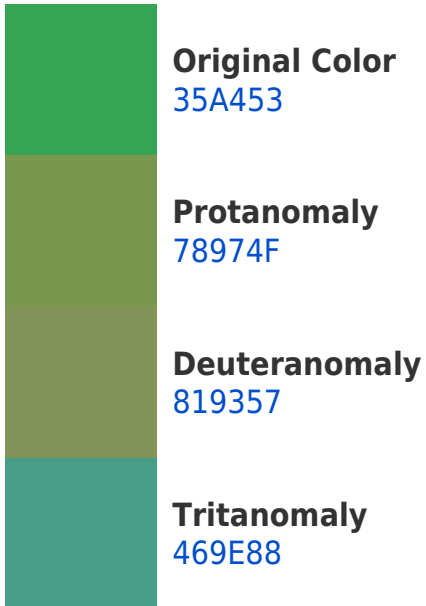
Protanopia
9E8F4C

Deuteranopia
AD895A



Tritanopia
509BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35A453 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 #35A453 looks like.

```
.text, #text, p{  
    color:#35A453  
}
```

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 #35A453 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A453
}
```

Border

The CSS property to change the border of an element to Hex 35A453 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
#35A453 }
```

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

```
.border{ border-color:#35A453 }
```

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

Here you see how a box with a 4 pixel #35A453 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A453; -webkit-box-shadow:4px 4px  
4px 4px #35A453; box-shadow:4px 4px 4px  
4px #35A453 }
```

Background

The CSS property to change the background color of an element to Hex 35A453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A453 }
```

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

```
.background{ background-color:#35A453 }
```

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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