

Converting Colors

Hex(55A436)

Have a look what the booklet for
Hex(55A436) contains.

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Color

Hex(55A436)

Conversions

Conversions Part 1

Format	Color
Hex	55A436
RGB	85, 164, 54
RGB Percent	33%, 64%, 21%
CMY	0.6667, 0.3569, 0.7882
CMYK	0.48, 0.00, 0.67, 0.36
HSL	103°, 50%, 43%
HSV	103°, 67%, 64%
XYZ	17.6876, 28.7486, 8.1068
YIQ	127.8390, -11.7740, -50.9580

Conversions

Conversions Part 2

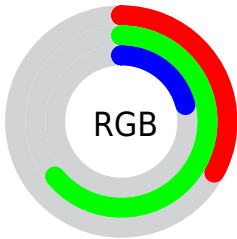
Format	Color
RYB	54, 164, 133
Decimal	5612598
CIELab	60.56, -44.53, 47.86
CIElCh	61, 65.375, 132.939
Yxy	28.7486, 0.3243, 0.5271
Android (android.graphics.Color)	4283802678 (0xFF55A436)
YUV	127.8390, -36.4026, -37.5698
Hunter-Lab	53.6177, -34.9466, 28.5679

Details

The Hex color **55A436** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8536A4**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8DDC6A**, and **176F00** is the 20% darker color. If you saturate the color by 10%, you get **49A426**, and if you desaturate by 10%, it is **61A446**.

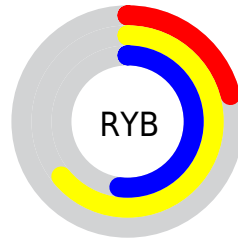
Distribution



Red (33%)

Green (64%)

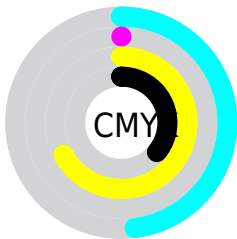
Blue (21%)



Red (21%)

Yellow (64%)

Blue (52%)

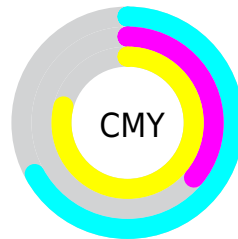


Cyan (48%)

Magenta (0%)

Yellow (67%)

Black (36%)



Cyan (67%)

Magenta (36%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55A436 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 55A436 by changing the saturation by 10% instead.

 55A436

 55A436

FFFFFF

 38891A

 8DDC6A

 176F00

 A9F885

 005600

 C6FFA0

 003E00

 E3FFBB

 002900

 FFFFD8

 000400

 FFFFF5

 000000

 55A436

 55A436

 49A426

 61A446

 3DA415

 6DA457

 32A405

 78A467

 2EA400

 84A478

 90A488

 9CA498

 A7A4A9

 B3A4B9

 BFA4CA

Harmonies

Analogous

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



979701



55A436



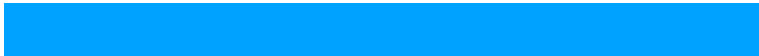
00AB6E

Triad

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



55A436



00A2FF



FA597B

Complementary

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



55A436



8536A4

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.



E95FB5



55A436



4490FF

Square

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



55A436



00ABE0



B477E7



EC6B46

Rectangle

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



55A436



00AD96



B477E7



F8578F

Sweetspot

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



55A436



B7D6AB



A48536



596B51



EBEBEB



6B6B6B

Same Dimension

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



55A436



5BD62B



36A44E



4C5249



299100



051200

Inverse Universe

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



8536A4



A62BD6



A4368C



4F4952



680091



0D0012

Previews

White Background



This preview shows how the Hex color 55A436 looks on a white background.

Color Contrast Check

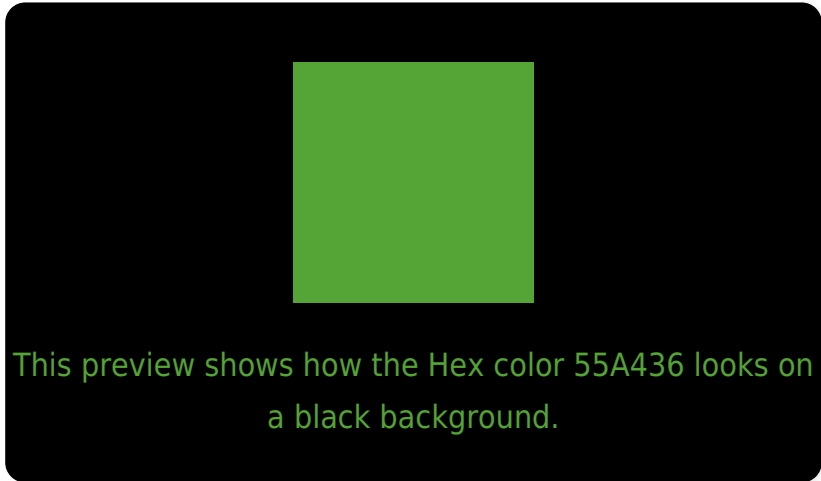
Large Text (above 18pt) WCAG AA ✓ Pass

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

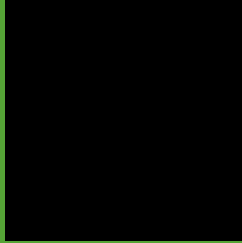
Any Text WCAG AA ✓ Pass

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 55A436 Background



This preview shows how black text looks on a background with the Hex color 55A436.



This preview shows how white text looks on a background with the Hex color 55A436.

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
55A436

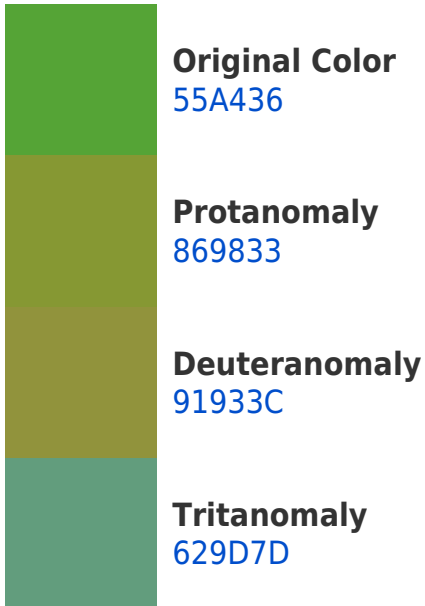
Protanopia
A29131

Deuteranopia
B48A3F



Tritanopia
6999A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55A436 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 #55A436 looks like.

```
.text, #text, p{  
    color:#55A436  
}
```

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 #55A436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55A436
}
```

Border

The CSS property to change the border of an element to Hex 55A436 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
#55A436 }
```

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

```
.border{ border-color:#55A436 }
```

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

Here you see how a box with a 4 pixel #55A436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55A436; -webkit-box-shadow:4px 4px  
4px 4px #55A436; box-shadow:4px 4px 4px  
4px #55A436 }
```

Background

The CSS property to change the background color of an element to Hex 55A436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55A436 }
```

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

```
.background{ background-color:#55A436 }
```

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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