

Converting Colors

Hex(45A36B)

Have a look what the booklet for
Hex(45A36B) contains.

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Color

Hex(45A36B)

Conversions

Conversions Part 1

Format	Color
Hex	45A36B
RGB	69, 163, 107
RGB Percent	27%, 64%, 42%
CMY	0.7294, 0.3608, 0.5804
CMYK	0.58, 0.00, 0.34, 0.36
HSL	144°, 41%, 45%
HSV	144°, 58%, 64%
XYZ	18.2053, 28.5211, 18.4555
YIQ	128.5100, -38.0480, -37.3440

Conversions

Conversions Part 2

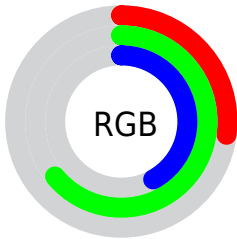
Format	Color
RYB	69, 136, 163
Decimal	4563819
CIELab	60.36, -40.90, 20.97
CIElCh	60, 45.964, 152.863
Yxy	28.5211, 0.2793, 0.4376
Android (android.graphics.Color)	4282753899 (0xFF45A36B)
YUV	128.5100, -10.6044, -52.1903
Hunter-Lab	53.4052, -32.6102, 16.8944

Details

The Hex color **45A36B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A3457D**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **7DDB9F**, and **006E3B** is the 20% darker color. If you saturate the color by 10%, you get **35A361**, and if you desaturate by 10%, it is **55A375**.

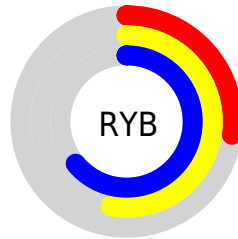
Distribution



Red (27%)

Green (64%)

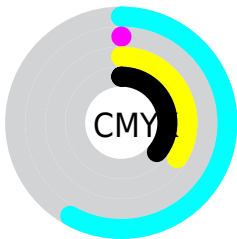
Blue (42%)



Red (27%)

Yellow (53%)

Blue (64%)

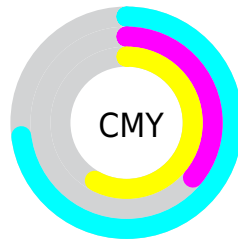


Cyan (58%)

Magenta (0%)

Yellow (34%)

Black (36%)



Cyan (73%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45A36B 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 45A36B by changing the saturation by 10% instead.



45A36B



45A36B

FFFFFF



268852



7DDB9F



006E3B



99F7BA



005525



B5FFD6



003D0F



D2FFF2



002800



FFFFFF



000200



000000



45A36B



45A36B



35A361



55A375

 24A358

 66A37E

 14A34E

 76A388

 04A344

 86A392

 00A342

 96A39C

 A7A3A5

 B7A3AF

 C7A3B9

 D8A3C2

Harmonies

Analogous

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



7C9C4B



45A36B



00A694

Triad

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



45A36B



4F95E2



DA7468

Complementary

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



45A36B



A3457D

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.



DC6F8F



45A36B



9985D6

Square

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



45A36B



009FD9



C776B7



C78249

Rectangle

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



45A36B



00A6B0



C776B7



DD7174

Sweetspot

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



45A36B



B0D4BE



7DA345



566B5E



EBEBEB



6B6B6B

Same Dimension

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



45A36B



42D47D



45A39A



49524D



00913B



001207

Inverse Universe

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



A3457D



D44299



A3454E



52494E



910057



12000B

Previews

White Background



This preview shows how the Hex color 45A36B looks on a white background.

Color Contrast Check

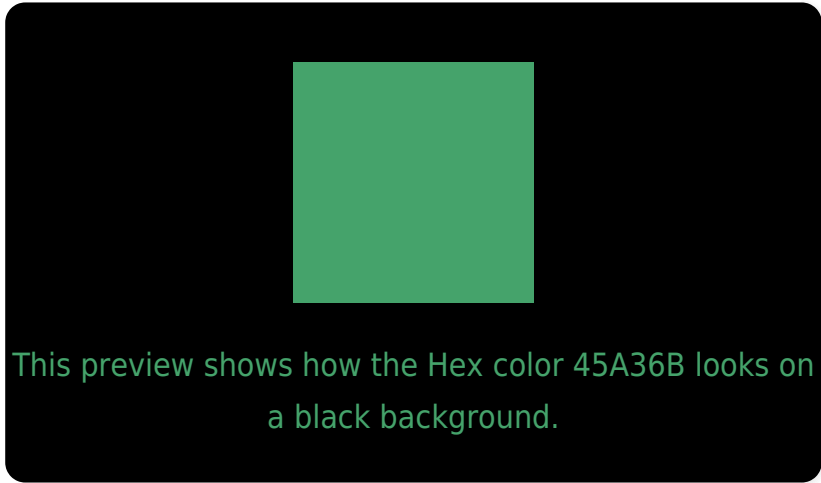
Large Text (above 18pt) WCAG AA ✓ Pass

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

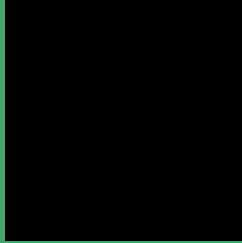
Any Text WCAG AA ✓ Pass

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 45A36B Background



This preview shows how black text looks on a background with the Hex color 45A36B.




This preview shows how white text looks on a background with the Hex color 45A36B.

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
579BA8

Trichromacy



Original Color
45A36B



Protanomaly
7C9766



Deuteranomaly
85946E



Tritanomaly
509E92

Monochromacy



Original Color
45A36B



Achromatopsia
818181



Achromatomaly
6B8D79

CSS Examples

Text

The CSS property to change the color of the text to Hex 45A36B 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 #45A36B looks like.

```
.text, #text, p{  
    color:#45A36B  
}
```

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 #45A36B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A36B
}
```

Border

The CSS property to change the border of an element to Hex 45A36B 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
#45A36B }
```

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

```
.border{ border-color:#45A36B }
```

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

Here you see how a box with a 4 pixel #45A36B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A36B; -webkit-box-shadow:4px 4px  
4px 4px #45A36B; box-shadow:4px 4px 4px  
4px #45A36B }
```

Background

The CSS property to change the background color of an element to Hex 45A36B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A36B }
```

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

```
.background{ background-color:#45A36B }
```

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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