

Converting Colors

Hex(537435)

Have a look what the booklet for
Hex(537435) contains.

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Color

Hex(537435)

Conversions

Conversions Part 1

Format	Color
Hex	537435
RGB	83, 116, 53
RGB Percent	33%, 45%, 21%
CMY	0.6745, 0.5451, 0.7922
CMYK	0.28, 0.00, 0.54, 0.55
HSL	91°, 37%, 33%
HSV	91°, 54%, 45%
XYZ	10.4553, 14.5868, 5.6326
YIQ	98.9510, 0.5550, -26.5890

Conversions

Conversions Part 2

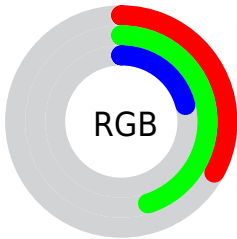
Format	Color
RYB	53, 116, 86
Decimal	5469237
CIELab	45.06, -23.63, 30.76
CIELCh	45, 38.789, 127.533
Yxy	14.5868, 0.3408, 0.4755
Android (android.graphics.Color)	4283659317 (0xFF537435)
YUV	98.9510, -22.6538, -13.9890
Hunter-Lab	38.1927, -17.9727, 17.9908

Details

The Hex color **537435** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **563574**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **86A865**, and **224406** is the 20% darker color. If you saturate the color by 10%, you get **4D7429**, and if you desaturate by 10%, it is **597441**.

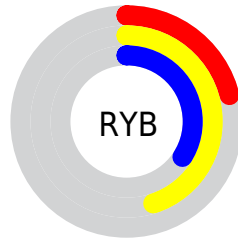
Distribution



Red (33%)

Green (45%)

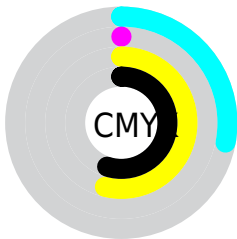
Blue (21%)



Red (21%)

Yellow (45%)

Blue (34%)

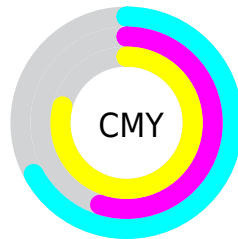


Cyan (28%)

Magenta (0%)

Yellow (54%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537435 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 537435 by changing the saturation by 10% instead.

■ 537435

■ 537435

FFFFFF

■ 3A5B1E

■ 86A865

■ 224406

■ A1C47F

■ 0C2D00

■ BDE099

■ 001A00

■ D9FCB4

■ 000000

■ F5FFD0

■ FFFFED

■ 537435

■ 537435

■ 4D7429

■ 597441

■ 47741E

■ 5F744C

■ 417412

■ 657458

■ 3B7407

■ 6B7463

■ 377400

■ 71746F

■ 77747B

■ 7E7486

■ 847492

■ 8A749D

Harmonies

Analogous

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



756C27



537435



217951

Triad

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



537435



0075A6



A74E64

Complementary

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



537435



563574

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.



995384



537435



3F6BAB

Square

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



537435



007A91



785F9E



A35445

Rectangle

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



537435



007B67



785F9E



A44F6F

Sweetspot

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



537435



8A967E



745635



454D3E



CCCCCC



4D4D4D

Same Dimension

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



537435



639635



357436



383B35



3A7A00



77FA00

Inverse Universe

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



563574



683596



743573



38353B



40007A



8300FA

Previews

White Background



This preview shows how the Hex color 537435 looks on a white background.

Color Contrast Check

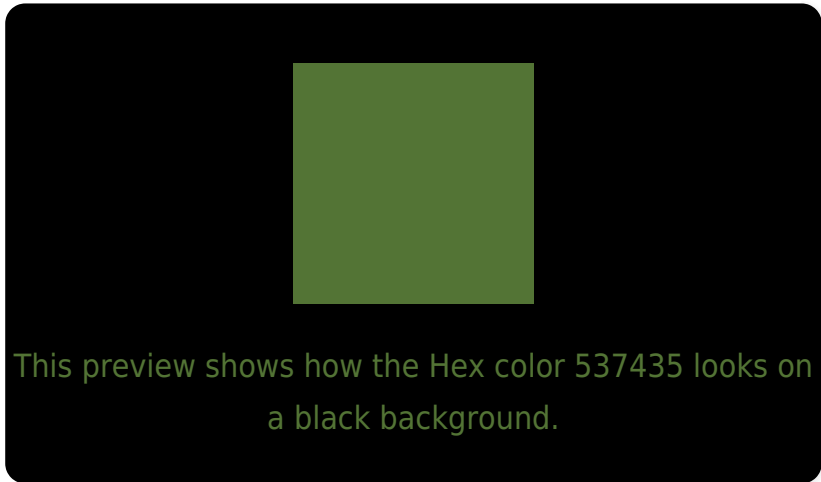
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

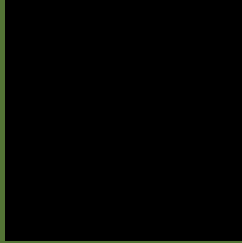
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 537435 Background



This preview shows how black text looks on a background with the Hex color 537435.



This preview shows how white text looks on a background with the Hex color 537435.

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
537435

Protanopia
766A32

Deuteranopia
826539



Tritanopia
5C6D76

Trichromacy



Original Color
537435

Protanomaly
696E33

Deuteranomaly
716A38

Tritanomaly
59705E

Monochromacy



Original Color
537435

Achromatopsia
636363

Achromatomaly
5D6952

CSS Examples

Text

The CSS property to change the color of the text to Hex 537435 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 #537435 looks like.

```
.text, #text, p{  
    color:#537435  
}
```

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 #537435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537435
}
```

Border

The CSS property to change the border of an element to Hex 537435 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
#537435 }
```

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

```
.border{ border-color:#537435 }
```

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

Here you see how a box with a 4 pixel #537435 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537435; -webkit-box-shadow:4px 4px  
4px 4px #537435; box-shadow:4px 4px 4px  
4px #537435 }
```

Background

The CSS property to change the background color of an element to Hex 537435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537435 }
```

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

```
.background{ background-color:#537435 }
```

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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