

Converting Colors

Hex(537517)

Have a look what the booklet for
Hex(537517) contains.

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Color

Hex(537517)

Conversions

Conversions Part 1

Format	Color
Hex	537517
RGB	83, 117, 23
RGB Percent	33%, 46%, 9%
CMY	0.6745, 0.5412, 0.9098
CMYK	0.29, 0.00, 0.80, 0.54
HSL	82°, 67%, 27%
HSV	82°, 80%, 46%
XYZ	10.0832, 14.6234, 3.1018
YIQ	96.1180, 9.9100, -36.4420

Conversions

Conversions Part 2

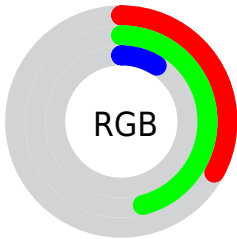
Format	Color
R_{YB}	23, 117, 57
Decimal	5469463
CIE _{Lab}	45.11, -26.73, 44.29
CIE _{LCh}	45, 51.727, 121.111
Yxy	14.6234, 0.3626, 0.5259
Android (android.graphics.Color)	4283659543 (0xFF537517)
YUV	96.1180, -36.0472, -11.5045
Hunter-Lab	38.2406, -19.8545, 21.9593

Details

The Hex color **537517** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **391775**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **88A94B**, and **214400** is the 20% darker color. If you saturate the color by 10%, you get **4F750B**, and if you desaturate by 10%, it is **577523**.

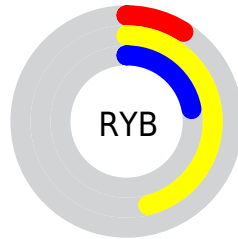
Distribution



Red (33%)

Green (46%)

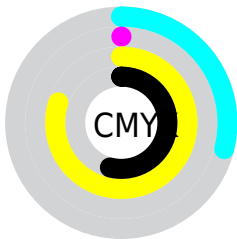
Blue (9%)



Red (9%)

Yellow (46%)

Blue (22%)

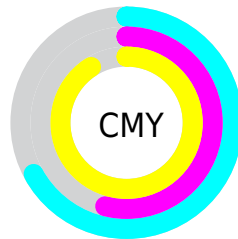


Cyan (29%)

Magenta (0%)

Yellow (80%)

Black (54%)



Cyan (67%)

Magenta (54%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537517 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 537517 by changing the saturation by 10% instead.



537517



537517

FFFFFF



395C00



88A94B



214400



A3C564



032E00



BFE17E



001A00



DBFD99



000000



F8FFB5



FFFFD1



FFFFED



537517



537517

■ 4F750B

■ 577523

■ 4B7500

■ 5B752E

■ 60753A

■ 647546

■ 687552

■ 6C755D

■ 717569

■ 757575

■ 797580

Harmonies

Analogous

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



7E6900



537517



007C3F

Triad

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



537517



007AB6



B63F6B

Complementary

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



537517



391775

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.



A04B95



537517



006FC1

Square

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



537517



007E96



6C5FB5



B54741

Rectangle

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



537517



007E5C



6C5FB5



B2417A

Sweetspot

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



537517



8C9974



753817



444D36



CCCCCC



4D4D4D

Same Dimension

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



537517



649906



257517



393B35



4E7A00



A0FA00

Inverse Universe

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



391775



3B0699



671775



37353B



2C007A



5A00FA

Previews

White Background



This preview shows how the Hex color 537517 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 537517 Background



This preview shows how black text looks on a background with the Hex color 537517.



This preview shows how white text looks on a background with the Hex color 537517.

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
537517

Protanopia
786B14

Deuteranopia
86651F



Tritanopia
5E6D76

Trichromacy



Original Color
537517

Protanomaly
6B6F15

Deuteranomaly
736B1C

Tritanomaly
5A7053

Monochromacy



Original Color
537517

Achromatopsia
606060

Achromatomaly
5B6845

CSS Examples

Text

The CSS property to change the color of the text to Hex 537517 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 #537517 looks like.

```
.text, #text, p{  
    color:#537517  
}
```

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 #537517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537517
}
```

Border

The CSS property to change the border of an element to Hex 537517 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
#537517 }
```

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

```
.border{ border-color:#537517 }
```

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

Here you see how a box with a 4 pixel #537517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537517; -webkit-box-shadow:4px 4px  
4px 4px #537517; box-shadow:4px 4px 4px  
4px #537517 }
```

Background

The CSS property to change the background color of an element to Hex 537517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537517 }
```

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

```
.background{ background-color:#537517 }
```

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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