

Converting Colors

Hex(435E1D)

Have a look what the booklet for
Hex(435E1D) contains.

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Color

Hex(435E1D)

Conversions

Conversions Part 1

Format	Color
Hex	435E1D
RGB	67, 94, 29
RGB Percent	26%, 37%, 11%
CMY	0.7373, 0.6314, 0.8863
CMYK	0.29, 0.00, 0.69, 0.63
HSL	85°, 53%, 24%
HSV	85°, 69%, 37%
XYZ	6.5392, 9.2874, 2.6104
YIQ	78.5170, 4.7730, -25.9390

Conversions

Conversions Part 2

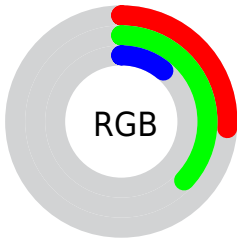
Format	Color
R_{YB}	29, 94, 56
Decimal	4415005
CIE Lab	36.53, -21.55, 32.90
CIE LCh	37, 39.332, 123.224
Yxy	9.2874, 0.3547, 0.5037
Android (android.graphics.Color)	4282605085 (0xFF435E1D)
YUV	78.5170, -24.4119, -10.1004
Hunter-Lab	30.4752, -15.0301, 16.2541

Details

The Hex color **435E1D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **381D5E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **75914C**, and **153000** is the 20% darker color. If you saturate the color by 10%, you get **3F5E14**, and if you desaturate by 10%, it is **475E26**.

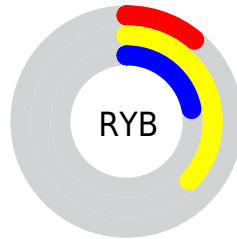
Distribution



Red (26%)

Green (37%)

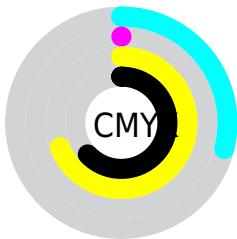
Blue (11%)



Red (11%)

Yellow (37%)

Blue (22%)

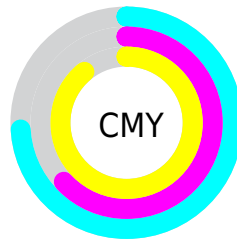


Cyan (29%)

Magenta (0%)

Yellow (69%)

Black (63%)



Cyan (74%)

Magenta (63%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 435E1D 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 435E1D by changing the saturation by 10% instead.

 435E1D

 435E1D

FFFFFF

 2B4604

 75914C

 153000

 90AB65

 001D00

 ABC67F

 000000

 C6E399

 E3FFB4

 FFFFD0

 FFFFEC

 435E1D

 435E1D

■ 3F5E14

■ 475E26

■ 3B5E0A

■ 4B5E30

■ 375E01

■ 4F5E39

■ 375E00

■ 535E43

■ 575E4C

■ 5A5E55

■ 5E5E5F

■ 625E68

■ 665E72

Harmonies

Analogous

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



635510



435E1D



0C6338

Triad

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



435E1D



00618E



8F3854

Complementary

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



435E1D



381D5E

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.



7F3F73



435E1D



0B5895

Square

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



435E1D



006478



5B4C8B



8D3E35

Rectangle

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



435E1D



00654D



5B4C8B



8B395E

Sweetspot

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



435E1D



707A61



5E371D



373D2E



BDBDBD



3D3D3D

Same Dimension

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



435E1D



507A15



245E1D



2C2E29



406E00



8BED00

Inverse Universe

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



381D5E



3F157A



581D5E



2B292E



2E006E



6300ED

Previews

White Background



This preview shows how the Hex color 435E1D looks on a white background.

Color Contrast Check

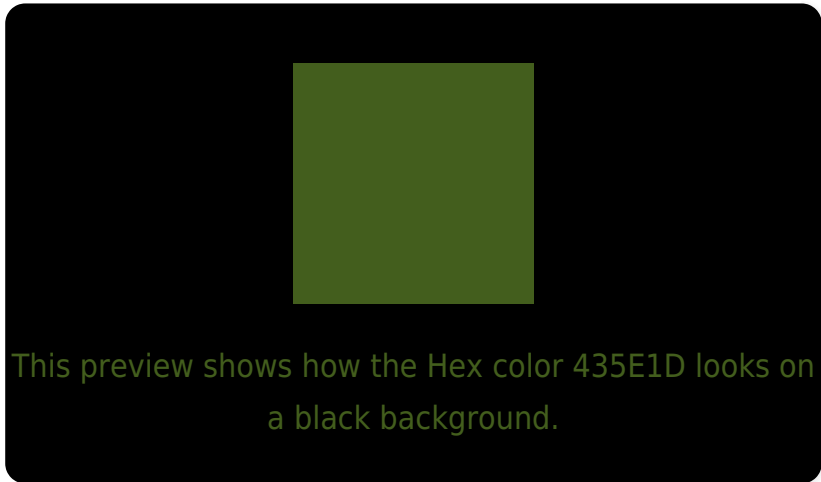
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

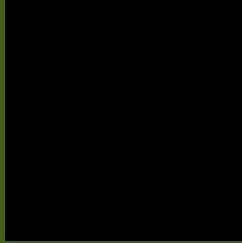
Any Text WCAG AA × Fail

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 435E1D Background



This preview shows how black text looks on a background with the Hex color 435E1D.



This preview shows how white text looks on a background with the Hex color 435E1D.

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](#).

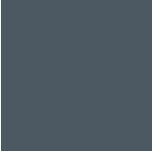
Dichromacy



Original Color
435E1D

Protanopia
60561B

Deuteranopia
6B5221



Tritanopia
4B585F

Trichromacy



Original Color
435E1D

Protanomaly
55591C

Deuteranomaly
5C5620

Tritanomaly
485A47

Monochromacy



Original Color
435E1D

Achromatopsia
4F4F4F

Achromatomaly
4B543D

CSS Examples

Text

The CSS property to change the color of the text to Hex 435E1D 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 #435E1D looks like.

```
.text, #text, p{  
    color:#435E1D  
}
```

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 #435E1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435E1D
}
```

Border

The CSS property to change the border of an element to Hex 435E1D 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
#435E1D }
```

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

```
.border{ border-color:#435E1D }
```

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

Here you see how a box with a 4 pixel #435E1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435E1D; -webkit-box-shadow:4px 4px  
4px 4px #435E1D; box-shadow:4px 4px 4px  
4px #435E1D }
```

Background

The CSS property to change the background color of an element to Hex 435E1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435E1D }
```

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

```
.background{ background-color:#435E1D }
```

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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