

# Converting Colors

Hex(435226)

Have a look what the booklet for  
Hex(435226) contains.

<b>Hex(435226)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(435226)

# Conversions

## Conversions Part 1

Format	Color
Hex	435226
RGB	67, 82, 38
RGB Percent	26%, 32%, 15%
CMY	0.7373, 0.6784, 0.8510
CMYK	0.18, 0.00, 0.54, 0.68
HSL	80°, 37%, 24%
HSV	80°, 54%, 32%
XYZ	5.6819, 7.3678, 2.9564
YIQ	72.4990, 5.1840, -16.8640

# Conversions

## Conversions Part 2

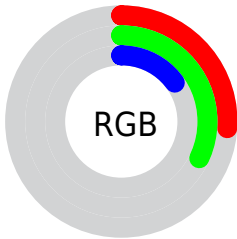
Format	Color
<b>R<sub>YB</sub></b>	38, 82, 53
Decimal	4411942
CIE Lab	32.63, -14.11, 23.73
CIE LCh	33, 27.609, 120.731
Yxy	7.3678, 0.3550, 0.4603
Android (android.graphics.Color)	4282602022 (0xFF435226)
YUV	72.4990, -17.0080, -4.8226
Hunter-Lab	27.1437, -10.1369, 12.5430

# Details

The Hex color **435226** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **352652**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **748354**, and **182500** is the 20% darker color. If you saturate the color by 10%, you get **40521E**, and if you desaturate by 10%, it is **46522E**.

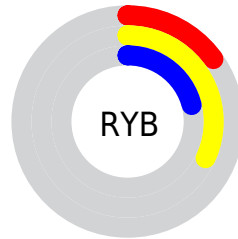
# Distribution



Red (26%)

Green (32%)

Blue (15%)



Red (15%)

Yellow (32%)

Blue (21%)

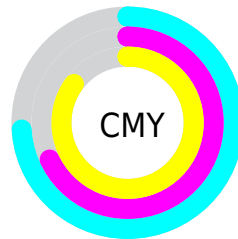


Cyan (18%)

Magenta (0%)

Yellow (54%)

Black (68%)



Cyan (74%)

Magenta (68%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 435226 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 435226 by changing the saturation by 10% instead.





435226



435226

FFFFFF



2C3B10



748354



182500



8E9E6D



001100



A9B886



000000



C4D4A1



E0F0BC



FDFFD8



FFFFFF4



435226



435226

■ 40521E

■ 46522E

■ 3D5216

■ 495236

■ 3B520D

■ 4B523F

■ 385205

■ 4E5247

■ 365200

■ 51524F

■ 545257

■ 57525F

■ 595268

■ 5C5270

# Harmonies

## Analogous

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



594C20



435226



275637

# Triad

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



435226



005472



743B4D

# Complementary

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



435226



352652

# 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.



683F62



435226



284F78

# Square

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



435226



005762



4F4772



753D38

# Rectangle

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



435226



075745



4F4772



723B54



# Sweetspot

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



435226



656B5A



523526



32362B



B5B5B5



363636



# Same Dimension

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



435226



546B27



2D5226



272925



456900



99E800



# Inverse Universe

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



352652



3E276B



4B2652



262529



240069



4F00E8



# Previews

## White Background



This preview shows how the Hex color 435226 looks on a white background.

## Color Contrast Check

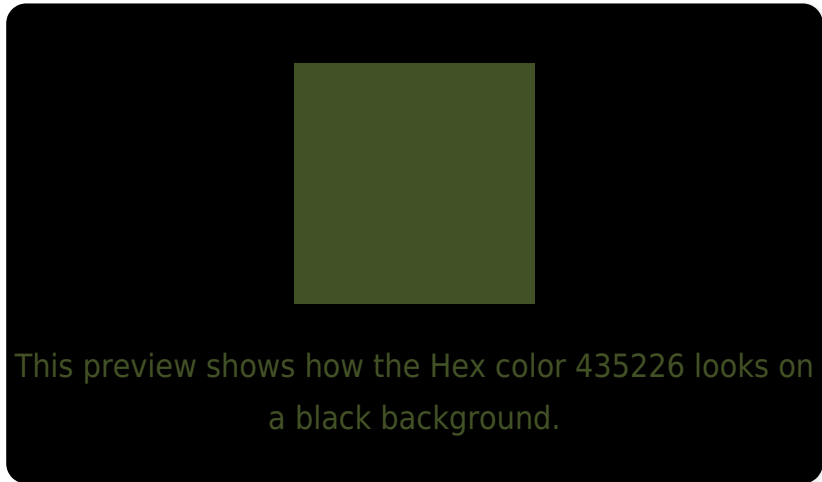
Large Text (above 18pt) WCAG AA ✓ Pass

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

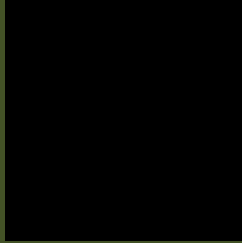
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 435226 Background



This preview shows how black text looks on a background with the Hex color 435226.



This preview shows how white text looks on a background with the Hex color 435226.

# 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**  
435226

**Protanopia**  
554D24

**Deuteranopia**  
5E4928



**Tritanopia**  
494D53

# Trichromacy



**Original Color**  
435226

**Protanomaly**  
4E4F25

**Deuteranomaly**  
544C27

**Tritanomaly**  
474F43

# Monochromacy



**Original Color**  
435226

**Achromatopsia**  
484848

**Achromatomaly**  
464C3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 435226 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 #435226 looks like.

```
.text, #text, p{  
    color:#435226  
}
```

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 #435226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435226  
}
```

## Border

The CSS property to change the border of an element to Hex 435226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

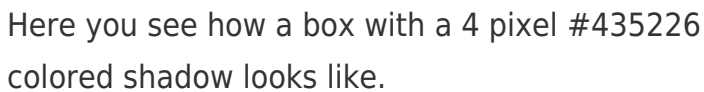
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#435226 }
```

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

```
.border{ border-color:#435226 }
```

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



Here you see how a box with a 4 pixel #435226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435226; -webkit-box-shadow:4px 4px  
4px 4px #435226; box-shadow:4px 4px 4px  
4px #435226 }
```

# Background

The CSS property to change the background color of an element to Hex 435226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435226 }
```

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

```
.background{ background-color:#435226 }
```

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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