

# Converting Colors

Hex(535A30)

Have a look what the booklet for  
Hex(535A30) contains.

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# Color

**Hex(535A30)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	535A30
RGB	83, 90, 48
RGB Percent	33%, 35%, 19%
CMY	0.6745, 0.6471, 0.8118
CMYK	0.08, 0.00, 0.47, 0.65
HSL	70°, 30%, 27%
HSV	70°, 47%, 35%
XYZ	7.7569, 9.3647, 4.1950
YIQ	83.1190, 9.3100, -14.5460

# Conversions

## Conversions Part 2

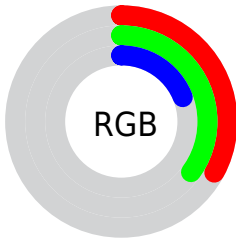
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 90, 55
Decimal	5462576
CIELab	36.68, -10.18, 23.27
CIELCh	37, 25.401, 113.618
Yxy	9.3647, 0.3639, 0.4393
Android (android.graphics.Color)	4283652656 (0xFF535A30)
YUV	83.1190, -17.3137, -0.1044
Hunter-Lab	30.6018, -8.3071, 13.2935

# Details

The Hex color **535A30** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **37305A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **858C5F**, and **252C01** is the 20% darker color. If you saturate the color by 10%, you get **525A27**, and if you desaturate by 10%, it is **555A39**.

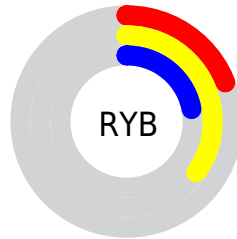
# Distribution



Red (33%)

Green (35%)

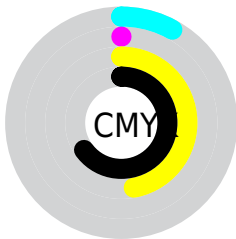
Blue (19%)



Red (19%)

Yellow (35%)

Blue (22%)

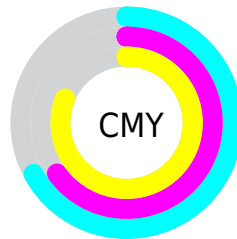


Cyan (8%)

Magenta (0%)

Yellow (47%)

Black (65%)



Cyan (67%)

Magenta (65%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 535A30 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 535A30 by changing the saturation by 10% instead.



 535A30

 535A30

FFFFFF

 3B431A

 858C5F

 252C01

 A0A678

 0B1900

 BBC192

 000000

 D7DDAD

 F4FAC8

 FFFFE4

 535A30

 535A30

 525A27

 555A39

■ 505A1E

■ 565A42

■ 4E5A15

■ 585A4B

■ 4D5A0C

■ 595A54

■ 4C5A03

■ 5B5A5D

■ 4B5A00

■ 5C5A66

■ 5E5A6F

■ 5F5A78

■ 615A81

# Harmonies

## Analogous

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



67542D



535A30



3B5E3D

# Triad

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



535A30



005F77



7A465C

# Complementary

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



535A30



37305A

# 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.



6C4B6F



535A30



2E5A7F

# Square

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



535A30



006166



52537C



7E4747

# Rectangle

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



535A30



28604A



52537C



774762



# Sweetspot

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



535A30



737565



5A3730



393B31



BABABA



3B3B3B



# Same Dimension

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



535A30



6A7534



3E5A30



2D2E29



5B6E00



C6ED00



# Inverse Universe

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



37305A



3F3475



4C305A



2A292E



12006E



2800ED



# Previews

## White Background



This preview shows how the Hex color 535A30 looks on a white background.

## Color Contrast Check

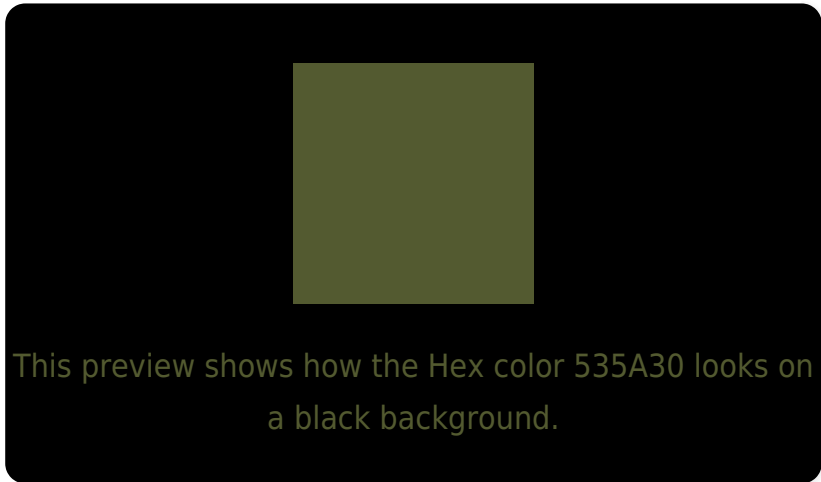
Large Text (above 18pt) WCAG AA ✓ Pass

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

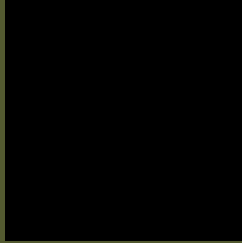
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 535A30 Background



This preview shows how black text looks on a background with the Hex color 535A30.



This preview shows how white text looks on a background with the Hex color 535A30.

# 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**  
535A30

**Protanopia**  
5F562F

**Deuteranopia**  
695232



**Tritanopia**  
58555C

# Trichromacy



**Original Color**  
535A30

**Protanomaly**  
5B572F

**Deuteranomaly**  
615531

**Tritanomaly**  
56574C

# Monochromacy



**Original Color**  
535A30

**Achromatopsia**  
535353

**Achromatomaly**  
535646

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 535A30 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 #535A30 looks like.

```
.text, #text, p{  
    color:#535A30  
}
```

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 #535A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535A30
}
```

## Border

The CSS property to change the border of an element to Hex 535A30 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".

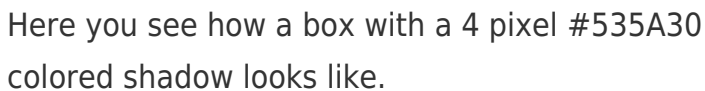
```
.border, #border, table{ border:4px solid
#535A30 }
```

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

```
.border{ border-color:#535A30 }
```

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

Here you see how a box with a 4 pixel #535A30 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535A30; -webkit-box-shadow:4px 4px  
4px 4px #535A30; box-shadow:4px 4px 4px  
4px #535A30 }
```

# Background

The CSS property to change the background color of an element to Hex 535A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535A30 }
```

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

```
.background{ background-color:#535A30 }
```

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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