

Converting Colors

Hex(505830)

Have a look what the booklet for
Hex(505830) contains.

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Color

Hex(505830)

Conversions

Conversions Part 1

Format	Color
Hex	505830
RGB	80, 88, 48
RGB Percent	31%, 35%, 19%
CMY	0.6863, 0.6549, 0.8118
CMYK	0.09, 0.00, 0.45, 0.65
HSL	72°, 29%, 27%
HSV	72°, 45%, 35%
XYZ	7.3315, 8.8983, 4.1274
YIQ	81.0480, 8.0720, -14.1360

Conversions

Conversions Part 2

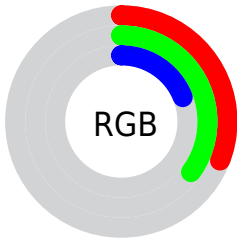
Format	Color
RYB	48, 88, 56
Decimal	5265456
CIELab	35.79, -10.38, 22.10
CIELCh	36, 24.422, 115.159
Yxy	8.8983, 0.3601, 0.4371
Android (android.graphics.Color)	4283455536 (0xFF505830)
YUV	81.0480, -16.2927, -0.9191
Hunter-Lab	29.8301, -8.3317, 12.6774

Details

The Hex color **505830** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **383058**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **828A5F**, and **232B01** is the 20% darker color. If you saturate the color by 10%, you get **4E5827**, and if you desaturate by 10%, it is **525839**.

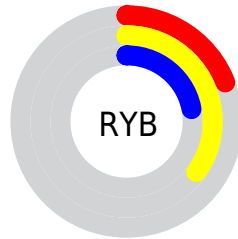
Distribution



Red (31%)

Green (35%)

Blue (19%)



Red (19%)

Yellow (35%)

Blue (22%)

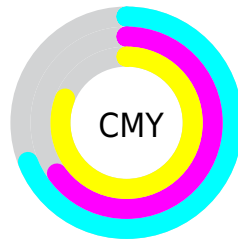


Cyan (9%)

Magenta (0%)

Yellow (45%)

Black (65%)



Cyan (69%)

Magenta (65%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505830 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 505830 by changing the saturation by 10% instead.

 505830

 505830

FFFFFF

 38411A

 828A5F

 232B01

 9CA478

 061700

 B7BF92

 000000

 D3DBAC

 F0F8C8

 FFFFE4

 505830

 505830

 4E5827

 525839

■ 4C581E

■ 545842

■ 4B5816

■ 55584A

■ 49580D

■ 575853

■ 475804

■ 59585C

■ 465800

■ 5B5865

■ 5C586E

■ 5E5876

■ 60587F

Harmonies

Analogous

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



64522D



505830



395C3D

Triad

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



505830



015C74



774558

Complementary

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



505830



383058

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.



6A496B



505830



31577B

Square

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



505830



005E64



525077



7A4645

Rectangle

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



505830



275E4A



525077



74465F

Sweetspot

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



505830



707363



583830



393B31



BABABA



3B3B3B

Same Dimension

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



505830



667334



3C5830



2A2B27



566B00



BCEB00

Inverse Universe

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



383058



403473



4C3058



28272B



15006B



2F00EB

Previews

White Background



This preview shows how the Hex color 505830 looks on a white background.

Color Contrast Check

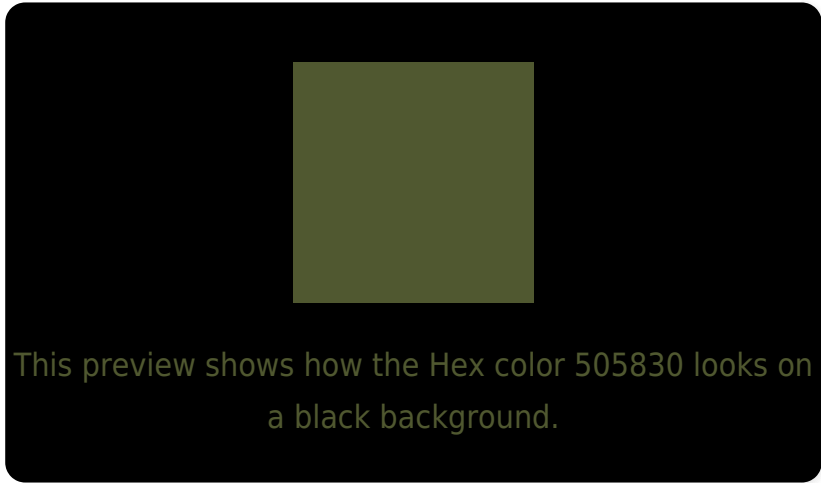
Large Text (above 18pt) WCAG AA ✓ Pass

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

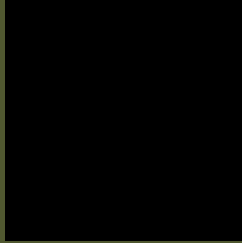
Any Text WCAG AA × Fail

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 505830 Background



This preview shows how black text looks on a background with the Hex color 505830.



This preview shows how white text looks on a background with the Hex color 505830.

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
505830

Protanopia
5C542F

Deuteranopia
665032



Tritanopia
55535A

Trichromacy



Original Color
505830

Protanomaly
58552F

Deuteranomaly
5E5331

Tritanomaly
53554B

Monochromacy



Original Color
505830

Achromatopsia
515151

Achromatomaly
515445

CSS Examples

Text

The CSS property to change the color of the text to Hex 505830 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 #505830 looks like.

```
.text, #text, p{  
    color:#505830  
}
```

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 #505830 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505830
}
```

Border

The CSS property to change the border of an element to Hex 505830 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".

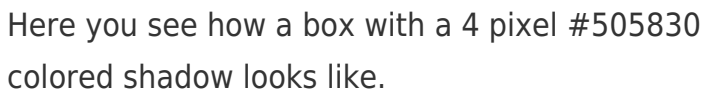
```
.border, #border, table{ border:4px solid
#505830 }
```

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

```
.border{ border-color:#505830 }
```

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

Here you see how a box with a 4 pixel #505830 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505830; -webkit-box-shadow:4px 4px  
4px 4px #505830; box-shadow:4px 4px 4px  
4px #505830 }
```

Background

The CSS property to change the background color of an element to Hex 505830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505830 }
```

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

```
.background{ background-color:#505830 }
```

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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