

Converting Colors

Hex(515826)

Have a look what the booklet for
Hex(515826) contains.

Hex(515826)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(515826)

Conversions

Conversions Part 1

Format	Color
Hex	515826
RGB	81, 88, 38
RGB Percent	32%, 35%, 15%
CMY	0.6824, 0.6549, 0.8510
CMYK	0.08, 0.00, 0.57, 0.65
HSL	68°, 40%, 25%
HSV	68°, 57%, 35%
XYZ	7.2329, 8.8687, 3.1643
YIQ	80.2070, 11.8780, -17.0340

Conversions

Conversions Part 2

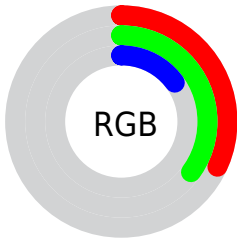
Format	Color
RYB	38, 88, 45
Decimal	5330982
CIELab	35.73, -11.09, 27.70
CIELCh	36, 29.839, 111.824
Yxy	8.8687, 0.3754, 0.4603
Android (android.graphics.Color)	4283521062 (0xFF515826)
YUV	80.2070, -20.8081, 0.6955
Hunter-Lab	29.7804, -8.7625, 14.5464

Details

The Hex color **515826** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2D2658**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **848A55**, and **242B00** is the 20% darker color. If you saturate the color by 10%, you get **50581D**, and if you desaturate by 10%, it is **52582F**.

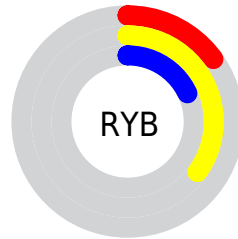
Distribution



Red (32%)

Green (35%)

Blue (15%)



Red (15%)

Yellow (35%)

Blue (18%)

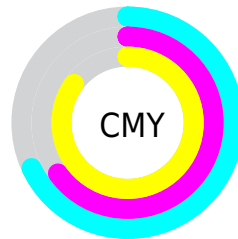


Cyan (8%)

Magenta (0%)

Yellow (57%)

Black (65%)



Cyan (68%)


Magenta (65%)


Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 515826 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 515826 by changing the saturation by 10% instead.

 515826

 515826

FFFFFF

 394110

 848A55

 242B00

 9EA46D

 031700

 B9BF87


 000000


 D5DBA2

 F2F7BD

 FFFFD9

 FFFFF5

 515826

 515826

■ 50581D

■ 52582F

■ 4F5814

■ 535838

■ 4D580C

■ 555840

■ 4C5803

■ 565849

■ 4C5800

■ 575852

■ 58585B

■ 5A5864

■ 5B586C

■ 5C5875

Harmonies

Analogous

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



685024



515826



355D35

Triad

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



515826



005E79



7D415C

Complementary

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



515826



2D2658

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.



6B4772



515826



165883

Square

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



515826



006065



4B5080



814144

Rectangle

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



515826



1B5F44



4B5080



794264

Sweetspot

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



515826



70735F



582D26



393B2F



BABABA



3B3B3B

Same Dimension

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



515826



687325



385826



2B2B27



5C6B00



CAEB00

Inverse Universe

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



2D2658



302573



462658



28272B



0F006B



2100EB

Previews

White Background



This preview shows how the Hex color 515826 looks on a white background.

Color Contrast Check

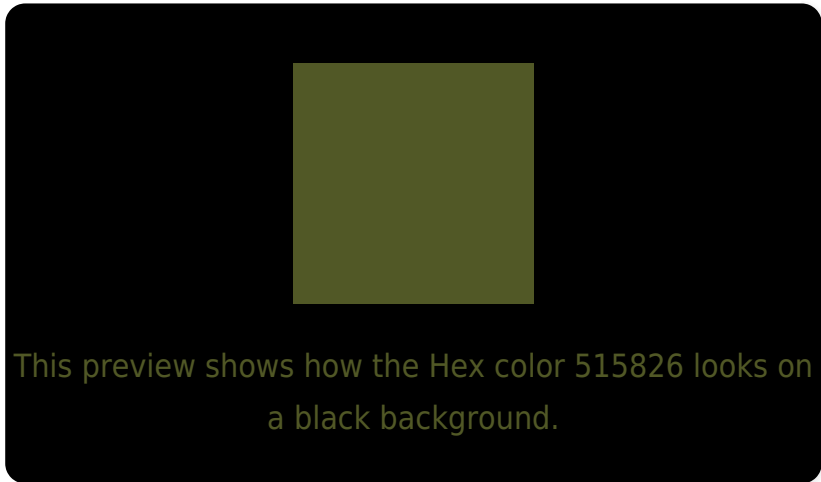
Large Text (above 18pt) WCAG AA ✓ Pass

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

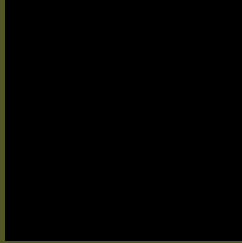
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

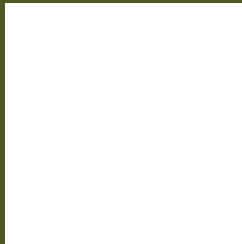
Any Text WCAG AAA × Fail

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

Hex 515826 Background



This preview shows how black text looks on a background with the Hex color 515826.



This preview shows how white text looks on a background with the Hex color 515826.

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
515826

Protanopia
5D5425

Deuteranopia
685028



Tritanopia
575359

Trichromacy



Original Color
515826

Protanomaly
595525

Deuteranomaly
605327

Tritanomaly
555546

Monochromacy



Original Color
515826

Achromatopsia
505050

Achromatomaly
505341

CSS Examples

Text

The CSS property to change the color of the text to Hex 515826 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 #515826 looks like.

```
.text, #text, p{  
    color:#515826  
}
```

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 #515826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515826
}
```

Border

The CSS property to change the border of an element to Hex 515826 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".

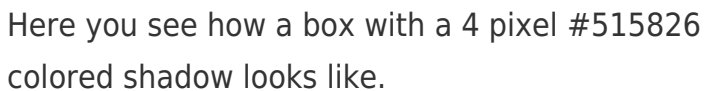
```
.border, #border, table{ border:4px solid
#515826 }
```

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

```
.border{ border-color:#515826 }
```

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

Here you see how a box with a 4 pixel #515826 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515826; -webkit-box-shadow:4px 4px  
4px 4px #515826; box-shadow:4px 4px 4px  
4px #515826 }
```

Background

The CSS property to change the background color of an element to Hex 515826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515826 }
```

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

```
.background{ background-color:#515826 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor