

Converting Colors

Hex(515D22)

Have a look what the booklet for
Hex(515D22) contains.

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Color

Hex(515D22)

Conversions

Conversions Part 1

Format	Color
Hex	515D22
RGB	81, 93, 34
RGB Percent	32%, 36%, 13%
CMY	0.6824, 0.6353, 0.8667
CMYK	0.13, 0.00, 0.63, 0.64
HSL	72°, 46%, 25%
HSV	72°, 63%, 36%
XYZ	7.5964, 9.6935, 2.9840
YIQ	82.6860, 11.7870, -20.8930

Conversions

Conversions Part 2

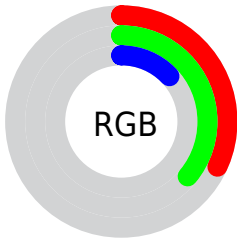
Format	Color
RYB	34, 93, 46
Decimal	5332258
CIELab	37.29, -14.31, 31.57
CIELCh	37, 34.666, 114.380
Yxy	9.6935, 0.3747, 0.4781
Android (android.graphics.Color)	4283522338 (0xFF515D22)
YUV	82.6860, -24.0022, -1.4786
Hunter-Lab	31.1344, -10.9334, 16.1115

Details

The Hex color **515D22** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2E225D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **848F51**, and **232F00** is the 20% darker color. If you saturate the color by 10%, you get **4F5D19**, and if you desaturate by 10%, it is **535D2B**.

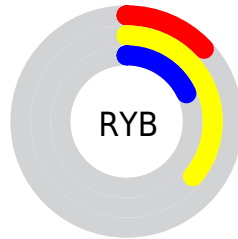
Distribution



Red (32%)

Green (36%)

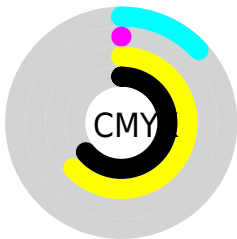
Blue (13%)



Red (13%)

Yellow (36%)

Blue (18%)

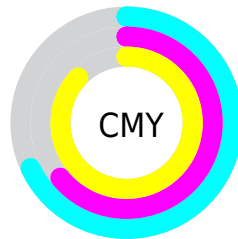


Cyan (13%)

Magenta (0%)

Yellow (63%)

Black (64%)



Cyan (68%)

Magenta (64%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 515D22 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 515D22 by changing the saturation by 10% instead.



515D22



515D22

FFFFFF



39450A



848F51



232F00



9FAA6A



041B00



BAC584



000000



D6E19E



F3FEB9



FFFFD5



FFFFF2



515D22



515D22

■ 4F5D19

■ 535D2B

■ 4D5D0F

■ 555D35

■ 4B5D06

■ 575D3E

■ 4A5D00

■ 595D47

■ 5A5D51

■ 5C5D5A

■ 5E5D63

■ 605D6C

■ 625D76

Harmonies

Analogous

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



6C541E



515D22



2E6336

Triad

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



515D22



006385



88405E

Complementary

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



515D22



2E225D

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.



754779



515D22



005C8F

Square

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



515D22



00656E



51538B



8B4142

Rectangle

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



515D22



006548



51538B



844168

Sweetspot

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



515D22



737861



5D2E22



3A3D2F



BDBDBD



3D3D3D

Same Dimension

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



515D22



65781D



345D22



2D2E29



576E00



BDED00

Inverse Universe

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



2E225D



2F1D78



4B225D



2A292E



16006E



3000ED

Previews

White Background



This preview shows how the Hex color 515D22 looks on a white background.

Color Contrast Check

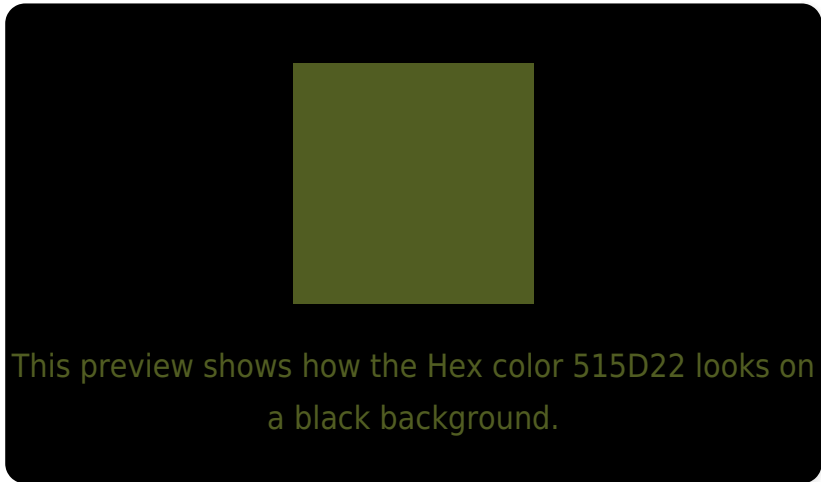
Large Text (above 18pt) WCAG AA ✓ Pass

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

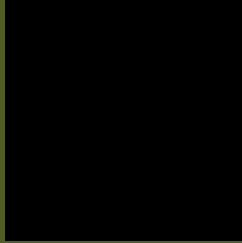
Any Text WCAG AA × Fail

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 515D22 Background



This preview shows how black text looks on a background with the Hex color 515D22.



This preview shows how white text looks on a background with the Hex color 515D22.

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
515D22

Protanopia
625821

Deuteranopia
6D5325

Trichromacy



Original Color
515D22

Protanomaly
5C5A21

Deuteranomaly
635724

Tritanomaly
555948

Monochromacy



Original Color
515D22

Achromatopsia
535353

Achromatomaly
525741

CSS Examples

Text

The CSS property to change the color of the text to Hex 515D22 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 #515D22 looks like.

```
.text, #text, p{  
    color:#515D22  
}
```

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 #515D22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515D22
}
```

Border

The CSS property to change the border of an element to Hex 515D22 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".

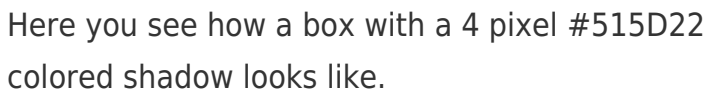
```
.border, #border, table{ border:4px solid
#515D22 }
```

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

```
.border{ border-color:#515D22 }
```

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

Here you see how a box with a 4 pixel #515D22 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515D22; -webkit-box-shadow:4px 4px  
4px 4px #515D22; box-shadow:4px 4px 4px  
4px #515D22 }
```

Background

The CSS property to change the background color of an element to Hex 515D22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515D22 }
```

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

```
.background{ background-color:#515D22 }
```

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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