

# Converting Colors

Hex(515936)

Have a look what the booklet for  
Hex(515936) contains.

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**Color**

**Hex(515936)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	515936
RGB	81, 89, 54
RGB Percent	32%, 35%, 21%
CMY	0.6824, 0.6510, 0.7882
CMYK	0.09, 0.00, 0.39, 0.65
HSL	74°, 24%, 28%
HSV	74°, 39%, 35%
XYZ	7.6316, 9.1604, 4.8559
YIQ	82.6180, 6.4670, -12.5810

# Conversions

## Conversions Part 2

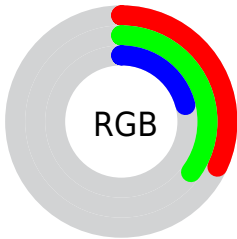
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 89, 62
Decimal	5331254
CIELab	36.29, -9.69, 19.23
CIELCh	36, 21.535, 116.736
Yxy	9.1604, 0.3525, 0.4232
Android (android.graphics.Color)	4283521334 (0xFF515936)
YUV	82.6180, -14.1087, -1.4190
Hunter-Lab	30.2662, -7.9574, 11.6738

# Details

The Hex color **515936** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3E3659**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **838B65**, and **242C0A** is the 20% darker color. If you saturate the color by 10%, you get **4F592D**, and if you desaturate by 10%, it is **53593F**.

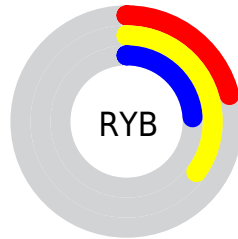
# Distribution



Red (32%)

Green (35%)

Blue (21%)



Red (21%)

Yellow (35%)

Blue (24%)

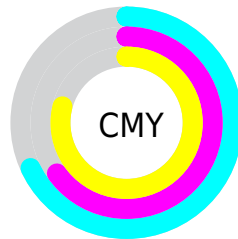


Cyan (9%)

Magenta (0%)

Yellow (39%)

Black (65%)



Cyan (68%)

Magenta (65%)


Yellow (79%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 515936 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 515936 by changing the saturation by 10% instead.



 515936

 515936

FFFFFF

 3A4220

 838B65

 242C0A

 9DA57E

 0A1800


 B8C098


 000000

 D4DCB3

 F0F9CF

 FFFFEB

 515936

 515936

 4F592D

 53593F

■ 4D5924

■ 555948

■ 4B591B

■ 575951

■ 495912

■ 59595A

■ 47590A

■ 5B5963

■ 455901

■ 5D596B

■ 455900

■ 5F5974

■ 61597D

■ 635986

# Harmonies

## Analogous

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



635433



515936



3D5D42

# Triad

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



515936



1F5C72



754858

# Complementary

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



515936



3E3659

# 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.



694C69



515936



3A5878

# Square

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



515936



155E64



555274



774947

# Rectangle

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



515936



2E5E4D



555274



72495E



# Sweetspot

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



515936



707365



593E36



393B32



BABABA



3B3B3B



# Same Dimension

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



515936



66733D



405936



2A2B27



536B00



B5EB00



# Inverse Universe

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



3E3659



493D73



4F3659



28272B



18006B



3600EB



# Previews

## White Background



This preview shows how the Hex color 515936 looks on a white background.

## Color Contrast Check

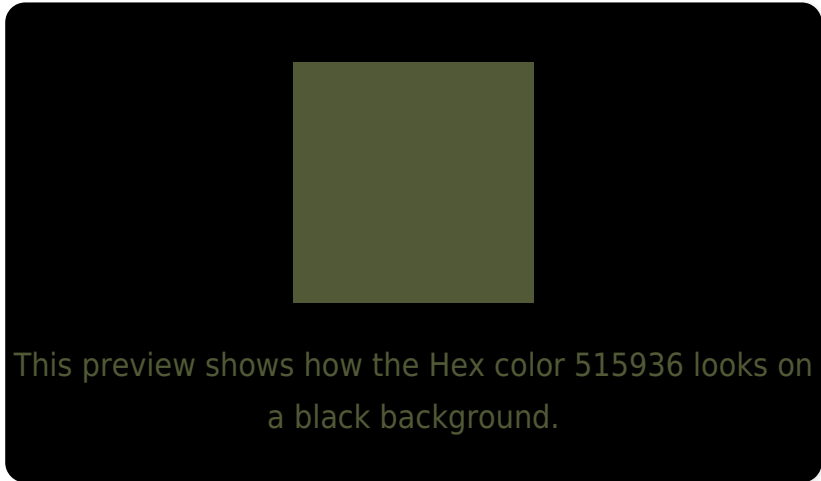
Large Text (above 18pt) WCAG AA ✓ Pass

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

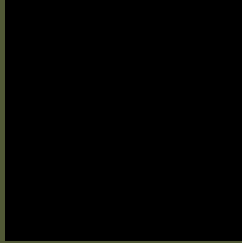
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 515936 Background



This preview shows how black text looks on a background with the Hex color 515936.



This preview shows how white text looks on a background with the Hex color 515936.

# 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**  
515936

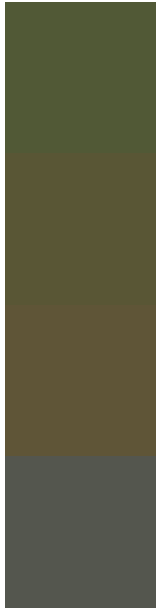
**Protanopia**  
5D5535

**Deuteranopia**  
675238



**Tritanopia**  
56555B

# Trichromacy



**Original Color**  
515936

**Protanomaly**  
595635

**Deuteranomaly**  
5F5537

**Tritanomaly**  
54564E

# Monochromacy



**Original Color**  
515936

**Achromatopsia**  
535353

**Achromatomaly**  
525548

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 515936 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 #515936 looks like.

```
.text, #text, p{  
    color:#515936  
}
```

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 #515936 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515936
}
```

## Border

The CSS property to change the border of an element to Hex 515936 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".

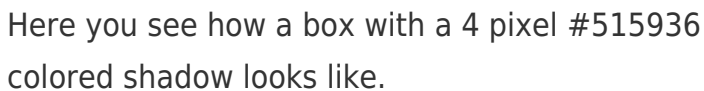
```
.border, #border, table{ border:4px solid
#515936 }
```

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

```
.border{ border-color:#515936 }
```

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

Here you see how a box with a 4 pixel #515936 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515936; -webkit-box-shadow:4px 4px  
4px 4px #515936; box-shadow:4px 4px 4px  
4px #515936 }
```

# Background

The CSS property to change the background color of an element to Hex 515936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515936 }
```

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

```
.background{ background-color:#515936 }
```

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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