

Converting Colors

Hex(535C0E)

Have a look what the booklet for
Hex(535C0E) contains.

Hex(535C0E)	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(535C0E)

Conversions

Conversions Part 1

Format	Color
Hex	535C0E
RGB	83, 92, 14
RGB Percent	33%, 36%, 5%
CMY	0.6745, 0.6392, 0.9451
CMYK	0.10, 0.00, 0.85, 0.64
HSL	67°, 74%, 21%
HSV	67°, 85%, 36%
XYZ	7.4737, 9.5250, 1.8601
YIQ	80.4170, 19.6740, -26.1660

Conversions

Conversions Part 2

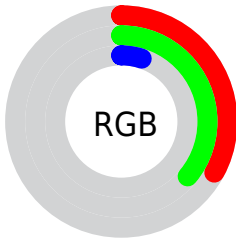
Format	Color
R_{YB}	14, 92, 23
Decimal	5463054
CIE _{Lab}	36.98, -14.14, 39.83
CIE _{LCh}	37, 42.263, 109.542
Yxy	9.5250, 0.3963, 0.5051
Android (android.graphics.Color)	4283653134 (0xFF535C0E)
YUV	80.4170, -32.7436, 2.2653
Hunter-Lab	30.8626, -10.7840, 18.0304

Details

The Hex color **535C0E** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **170E5C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **878E41**, and **222E00** is the 20% darker color. If you saturate the color by 10%, you get **525C05**, and if you desaturate by 10%, it is **545C17**.

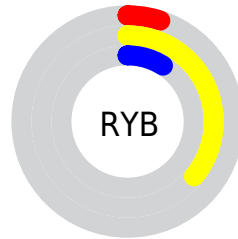
Distribution



Red (33%)

Green (36%)

Blue (5%)



Red (5%)

Yellow (36%)

Blue (9%)

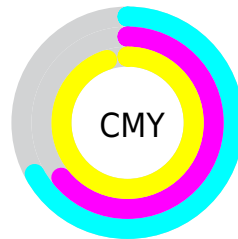


Cyan (10%)

Magenta (0%)

Yellow (85%)

Black (64%)



Cyan (67%)

Magenta (64%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535C0E 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 535C0E by changing the saturation by 10% instead.

 535C0E

 535C0E

FFFFFFD

 3A4500

 878E41

 222E00

 A2A859

 021B00

 BEC473

 000000

 DAE08D

 F7FCA8

 FFFFC4

 FFFFEO

 535C0E

 535C0E

■ 525C05

■ 545C17

■ 515C00

■ 555C20

■ 565C2A

■ 575C33

■ 585C3C

■ 595C45

■ 5A5C4E

■ 5B5C58

■ 5D5C61

Harmonies

Analogous

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



72510D



535C0E



296328

Triad

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



535C0E



00658A



8E3864

Complementary

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



535C0E



170E5C

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.



744484



535C0E



005E9A

Square

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



535C0E



00676D



405397



943842

Rectangle

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



535C0E



00663E



405397



883B70

Sweetspot

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



535C0E



74785A



5C160E



3B3D2B



BDBDBD



3D3D3D

Same Dimension

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



535C0E



6A7800



2D5C0E



2D2E29



616E00



D2ED00

Inverse Universe

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



170E5C



0E0078



3D0E5C



2A292E



0D006E



1B00ED

Previews

White Background



This preview shows how the Hex color 535C0E looks on a white background.

Color Contrast Check

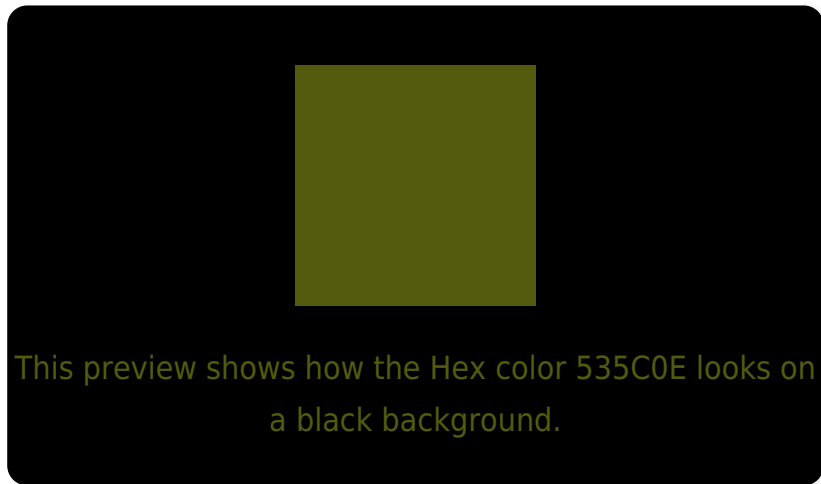
Large Text (above 18pt) WCAG AA ✓ Pass

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

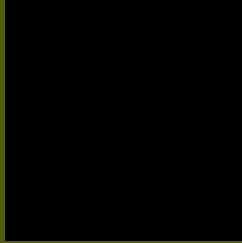
Any Text WCAG AA × Fail

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 535C0E Background



This preview shows how black text looks on a background with the Hex color 535C0E.



This preview shows how white text looks on a background with the Hex color 535C0E.

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
535C0E

Protanopia
62570D

Deuteranopia
6D5314



Tritanopia
5A565C

Trichromacy



Original Color
535C0E

Protanomaly
5D590D

Deuteranomaly
645612

Tritanomaly
575840

Monochromacy



Original Color
535C0E

Achromatopsia
505050

Achromatomaly
515438

CSS Examples

Text

The CSS property to change the color of the text to Hex 535C0E 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 #535C0E looks like.

```
.text, #text, p{  
    color:#535C0E  
}
```

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 #535C0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535C0E
}
```

Border

The CSS property to change the border of an element to Hex 535C0E 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".

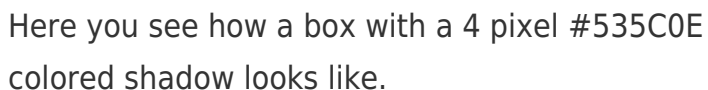
```
.border, #border, table{ border:4px solid
#535C0E }
```

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

```
.border{ border-color:#535C0E }
```

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

Here you see how a box with a 4 pixel #535C0E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535C0E; -webkit-box-shadow:4px 4px  
4px 4px #535C0E; box-shadow:4px 4px 4px  
4px #535C0E }
```

Background

The CSS property to change the background color of an element to Hex 535C0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535C0E }
```

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

```
.background{ background-color:#535C0E }
```

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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