

Converting Colors

Hex(555E00)

Have a look what the booklet for
Hex(555E00) contains.

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Color

Hex(555E00)

Conversions

Conversions Part 1

Format	Color
Hex	555E00
RGB	85, 94, 0
RGB Percent	33%, 37%, 0%
CMY	0.6667, 0.6314, 1.0000
CMYK	0.10, 0.00, 1.00, 0.63
HSL	66°, 100%, 18%
HSV	66°, 100%, 37%
XYZ	7.7490, 9.9367, 1.5096
YIQ	80.5930, 24.8100, -31.1420

Conversions

Conversions Part 2

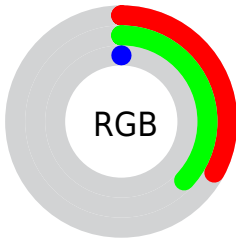
Format	Color
RYB	0, 94, 9
Decimal	5594624
CIELab	37.73, -14.78, 44.59
CIELCh	38, 46.976, 108.341
Yxy	9.9367, 0.4037, 0.5177
Android (android.graphics.Color)	4283784704 (0xFF555E00)
YUV	80.5930, -39.7323, 3.8649
Hunter-Lab	31.5225, -11.2847, 19.2265

Details

The Hex color **555E00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **09005E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8A9039**, and **233000** is the 20% darker color. If you saturate the color by 10%, you get **555E00**, and if you desaturate by 10%, it is **565E09**.

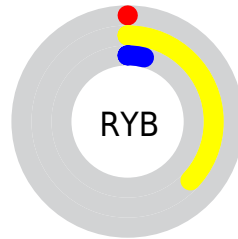
Distribution



Red (33%)

Green (37%)

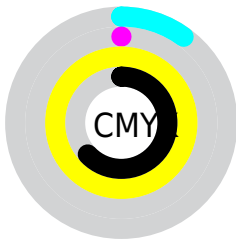
Blue (0%)



Red (0%)

Yellow (37%)

Blue (4%)

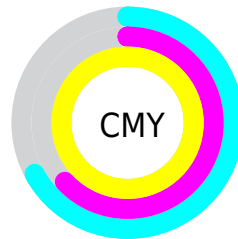


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (67%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555E00 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 555E00 by changing the saturation by 10% instead.

 555E00

 555E00

 FFFFF5

 3C4600

 8A9039

 233000

 A5AB52

 051C00

 C1C66B

 000000

 DEE285

 FBFFA0

 FFFFBC

 FFFFD8

 555E00

 565E09

 575E13

 585E1C

 595E26

 5A5E2F

 5A5E38

 5B5E42

 5C5E4B

 5D5E55

Harmonies

Analogous

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



775201



555E00



256622

Triad

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



555E00



006891



953469

Complementary

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



555E00



09005E

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.



77448C



555E00



0061A3

Square

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



555E00



006A70



3955A1



9C3443

Rectangle

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



555E00



00693B



3955A1



8E3976

Sweetspot

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



555E00



777A56



5E0800



3B3D27



BDBDBD



3D3D3D

Same Dimension

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



555E00



6F7A00



275E00



2D2E29



636E00



D6ED00

Inverse Universe

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



09005E



0C007A



37005E



2A292E



0A006E



1700ED

Previews

White Background



This preview shows how the Hex color 555E00 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 555E00 Background



This preview shows how black text looks on a background with the Hex color 555E00.



This preview shows how white text looks on a background with the Hex color 555E00.

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
555E00

Protanopia
645900

Deuteranopia
705410



Tritanopia
5C575E

Trichromacy



Original Color
555E00

Protanomaly
5F5B00

Deuteranomaly
66580A

Tritanomaly
595A3C

Monochromacy



Original Color
555E00

Achromatopsia
515151

Achromatomaly
525634

CSS Examples

Text

The CSS property to change the color of the text to Hex 555E00 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 #555E00 looks like.

```
.text, #text, p{  
    color:#555E00  
}
```

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 #555E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555E00
}
```

Border

The CSS property to change the border of an element to Hex 555E00 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
#555E00 }
```

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

```
.border{ border-color:#555E00 }
```

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

Here you see how a box with a 4 pixel #555E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555E00; -webkit-box-shadow:4px 4px  
4px 4px #555E00; box-shadow:4px 4px 4px  
4px #555E00 }
```

Background

The CSS property to change the background color of an element to Hex 555E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555E00 }
```

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

```
.background{ background-color:#555E00 }
```

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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