

Converting Colors

Hex(555A00)

Have a look what the booklet for
Hex(555A00) contains.

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Color

Hex(555A00)

Conversions

Conversions Part 1

Format	Color
Hex	555A00
RGB	85, 90, 0
RGB Percent	33%, 35%, 0%
CMY	0.6667, 0.6471, 1.0000
CMYK	0.06, 0.00, 1.00, 0.65
HSL	63°, 100%, 18%
HSV	63°, 100%, 35%
XYZ	7.4025, 9.2436, 1.3940
YIQ	78.2450, 25.9100, -29.0500

Conversions

Conversions Part 2

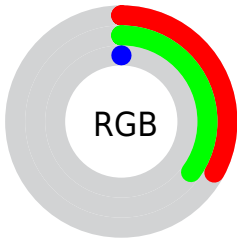
Format	Color
RYB	0, 90, 5
Decimal	5593600
CIELab	36.45, -12.55, 43.64
CIELCh	36, 45.410, 106.042
Yxy	9.2436, 0.4103, 0.5124
Android (android.graphics.Color)	4283783680 (0xFF555A00)
YUV	78.2450, -38.5748, 5.9241
Hunter-Lab	30.4033, -9.7454, 18.5638

Details

The Hex color **555A00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **05005A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8A8C38**, and **232D00** is the 20% darker color. If you saturate the color by 10%, you get **555A00**, and if you desaturate by 10%, it is **555A09**.

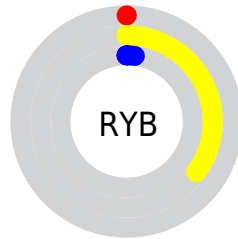
Distribution



Red (33%)

Green (35%)

Blue (0%)



Red (0%)

Yellow (35%)

Blue (2%)

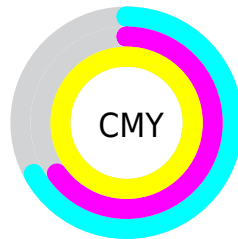


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (67%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555A00 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 555A00 by changing the saturation by 10% instead.

 555A00

 555A00

 FFFFF3

 3D4300

 8A8C38

 232D00

 A5A651

 041900

 C1C16A

 000000

 DEDD84

 FBFA9F

 FFFFBA

 FFFF7D

 555A00

 555A09

 565A12

 565A1B

 575A24

 585A2D

 585A36

 595A3F

 595A48

 5A5A51

Harmonies

Analogous

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



754E04



555A00



29621F

Triad

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



555A00



00658A



8F3468

Complementary

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



555A00



05005A

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.



704389



555A00



005F9D

Square

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



555A00



006769



30539C



973244

Rectangle

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



555A00



006536



30539C



873874

Sweetspot

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



555A00



737552



5A0500



393B26



BABABA



3B3B3B

Same Dimension

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



555A00



6F7500



285A00



2E2E29



686E00



E0ED00

Inverse Universe

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



05005A



070075



31005A



2A292E



06006E



0D00ED

Previews

White Background



This preview shows how the Hex color 555A00 looks on a white background.

Color Contrast Check

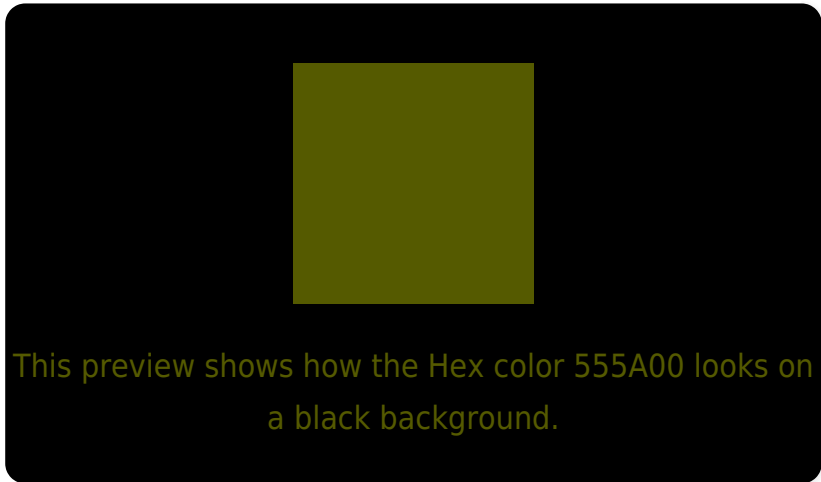
Large Text (above 18pt) WCAG AA ✓ Pass

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

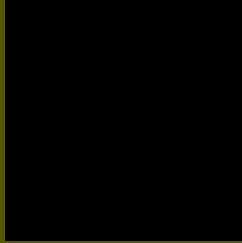
Any Text WCAG AA × Fail

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 555A00 Background



This preview shows how black text looks on a background with the Hex color 555A00.



This preview shows how white text looks on a background with the Hex color 555A00.

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](#).

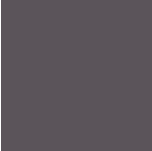
Dichromacy



Original Color
555A00

Protanopia
615600

Deuteranopia
6C510E



Tritanopia
5B545A

Trichromacy



Original Color
555A00

Protanomaly
5D5700

Deuteranomaly
645409

Tritanomaly
595639

Monochromacy



Original Color
555A00

Achromatopsia
4E4E4E

Achromatomaly
515232

CSS Examples

Text

The CSS property to change the color of the text to Hex 555A00 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 #555A00 looks like.

```
.text, #text, p{  
    color:#555A00  
}
```

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 #555A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555A00
}
```

Border

The CSS property to change the border of an element to Hex 555A00 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
#555A00 }
```

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

```
.border{ border-color:#555A00 }
```

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

Here you see how a box with a 4 pixel #555A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555A00; -webkit-box-shadow:4px 4px  
4px 4px #555A00; box-shadow:4px 4px 4px  
4px #555A00 }
```

Background

The CSS property to change the background color of an element to Hex 555A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555A00 }
```

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

```
.background{ background-color:#555A00 }
```

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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