

Converting Colors

Hex(455600)

Have a look what the booklet for
Hex(455600) contains.

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Color

Hex(455600)

Conversions

Conversions Part 1

Format	Color
Hex	455600
RGB	69, 86, 0
RGB Percent	27%, 34%, 0%
CMY	0.7294, 0.6627, 1.0000
CMYK	0.20, 0.00, 1.00, 0.66
HSL	72°, 100%, 17%
HSV	72°, 100%, 34%
XYZ	5.7820, 7.9208, 1.2241
YIQ	71.1130, 17.4740, -30.3500

Conversions

Conversions Part 2

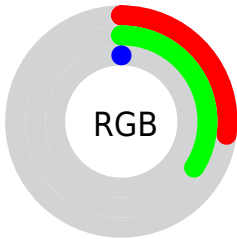
Format	Color
RYB	0, 86, 17
Decimal	4544000
CIELab	33.82, -18.08, 41.09
CIELCh	34, 44.892, 113.756
Yxy	7.9208, 0.3874, 0.5306
Android (android.graphics.Color)	4282734080 (0xFF455600)
YUV	71.1130, -35.0587, -1.8531
Hunter-Lab	28.1439, -12.5798, 17.1219

Details

The Hex color **455600** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **110056**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **788836**, and **142900** is the 20% darker color. If you saturate the color by 10%, you get **455600**, and if you desaturate by 10%, it is **475609**.

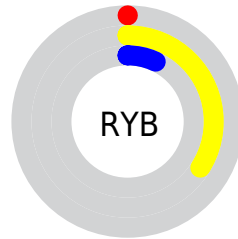
Distribution



Red (27%)

Green (34%)

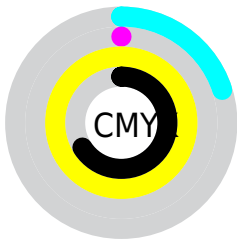
Blue (0%)



Red (0%)

Yellow (34%)

Blue (7%)

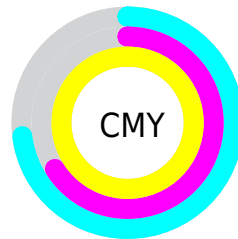


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (66%)



Cyan (73%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455600 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 455600 by changing the saturation by 10% instead.

 455600

 455600

 FFFFFF1

 2E3F00

 788836

 142900

 93A24F

 001600

 AEBD68

 000000

 CAD982

 E7F59D

 FFFF88

 FFFF44

 455600

■ 475609

■ 485611

■ 4A561A

■ 4C5622

■ 4E562B

■ 4F5634

■ 51563C

■ 535645

■ 54564D

Harmonies

Analogous

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



674B00



455600



0E5C22

Triad

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



455600



005D89



8B2B59

Complementary

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



455600



110056

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.



73387A



455600



005697

Square

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



455600



00606B



3F4991



8E2E35

Rectangle

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



455600



005F3A



3F4991



852E64

Sweetspot

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



455600



6A704F



561000



343824



B8B8B8



383838

Same Dimension

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



455600



5A7000



1B5600



2A2B27



566B00



BCEB00

Inverse Universe

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



110056



160070



3B0056



28272B



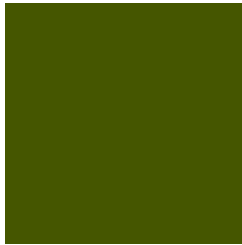
15006B



2E00EB

Previews

White Background



This preview shows how the Hex color 455600 looks on a white background.

Color Contrast Check

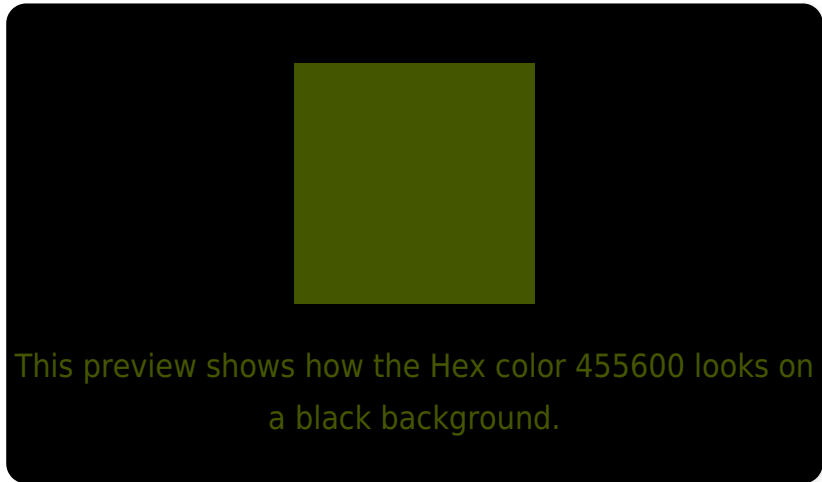
Large Text (above 18pt) WCAG AA ✓ Pass

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

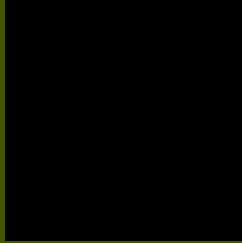
Any Text WCAG AA × Fail

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 455600 Background



This preview shows how black text looks on a background with the Hex color 455600.



This preview shows how white text looks on a background with the Hex color 455600.

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
455600

Protanopia
5A5000

Deuteranopia
644B0F



Tritanopia
4C5056

Trichromacy



Original Color
455600

Protanomaly
525200

Deuteranomaly
594F0A

Tritanomaly
495237

Monochromacy



Original Color
455600

Achromatopsia
474747

Achromatomaly
464C2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 455600 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 #455600 looks like.

```
.text, #text, p{  
    color:#455600  
}
```

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 #455600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455600
}
```

Border

The CSS property to change the border of an element to Hex 455600 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
#455600 }
```

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

```
.border{ border-color:#455600 }
```

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

Here you see how a box with a 4 pixel #455600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455600; -webkit-box-shadow:4px 4px  
4px 4px #455600; box-shadow:4px 4px 4px  
4px #455600 }
```

Background

The CSS property to change the background color of an element to Hex 455600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455600 }
```

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

```
.background{ background-color:#455600 }
```

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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