

Converting Colors

Hex(456A10)

Have a look what the booklet for
Hex(456A10) contains.

Hex(456A10)	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(456A10)

Conversions

Conversions Part 1

Format	Color
Hex	456A10
RGB	69, 106, 16
RGB Percent	27%, 42%, 6%
CMY	0.7294, 0.5843, 0.9373
CMYK	0.35, 0.00, 0.85, 0.58
HSL	85°, 74%, 24%
HSV	85°, 85%, 42%
XYZ	7.7018, 11.6107, 2.3254
YIQ	84.6770, 6.8380, -35.8340

Conversions

Conversions Part 2

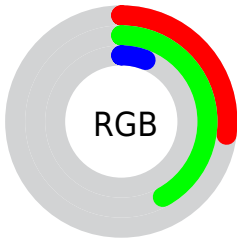
Format	Color
RYB	16, 106, 53
Decimal	4549136
CIELab	40.59, -27.56, 42.08
CIELCh	41, 50.302, 123.221
Yxy	11.6107, 0.3559, 0.5366
Android (android.graphics.Color)	4282739216 (0xFF456A10)
YUV	84.6770, -33.8578, -13.7487
Hunter-Lab	34.0745, -19.2842, 19.8059

Details

The Hex color **456A10** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **35106A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **799E44**, and **123A00** is the 20% darker color. If you saturate the color by 10%, you get **416A05**, and if you desaturate by 10%, it is **496A1B**.

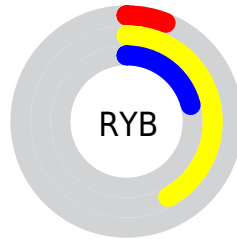
Distribution



 Red (27%)

 Green (42%)

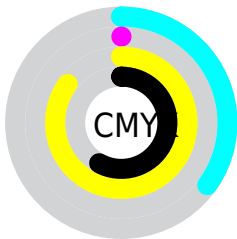
 Blue (6%)



 Red (6%)

 Yellow (42%)

 Blue (21%)

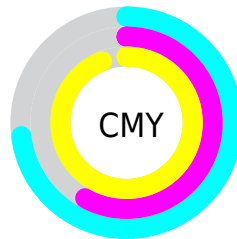


 Cyan (35%)

 Magenta (0%)

 Yellow (85%)

 Black (58%)



 Cyan (73%)

 Magenta (58%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456A10 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 456A10 by changing the saturation by 10% instead.

 456A10

 456A10

FFFFFF

 2C5200

 799E44

 123A00

 94B95D

 002500

 AFD477

 000400

 CBF191

 000000

 E8FFAD

 FFFFC8

 FFFF E5

 456A10

 456A10

■ 416A05

■ 496A1B

■ 3E6A00

■ 4E6A25

■ 526A30

■ 566A3A

■ 5B6A45

■ 5F6A50

■ 646A5A

■ 686A65

■ 6C6A6F

Harmonies

Analogous

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



6F5F00



456A10



007038

Triad

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



456A10



006DA9



A8355D

Complementary

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



456A10



35106A

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.



943F86



456A10



0063B2

Square

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



456A10



00728C



6553A5



A53D35

Rectangle

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



456A10



007255



6553A5



A4366B

Sweetspot

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



456A10



7C8A67



6A3410



3C4530



C4C4C4



454545

Same Dimension

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



456A10



518A00



196A10



333630



457500



90F500

Inverse Universe

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



35106A



39008A



61106A



323036



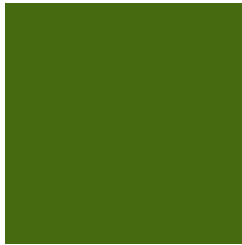
300075



6500F5

Previews

White Background



This preview shows how the Hex color 456A10 looks on a white background.

Color Contrast Check

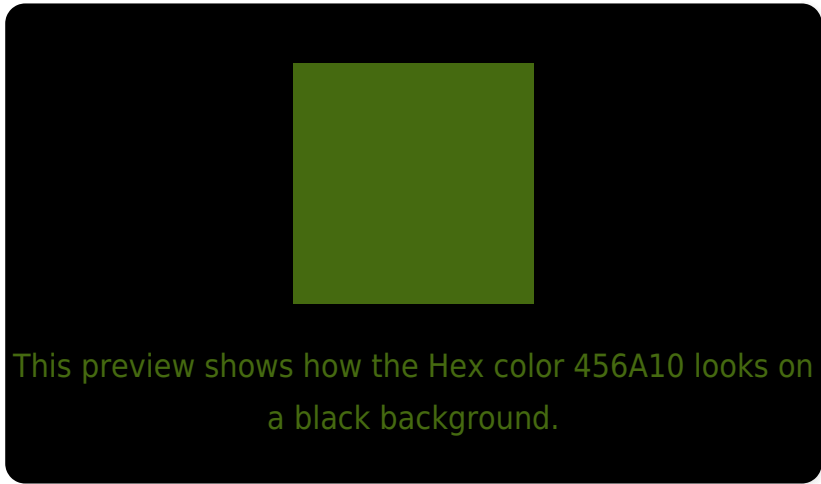
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

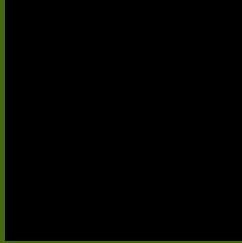
Any Text WCAG AA × Fail

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 456A10 Background



This preview shows how black text looks on a background with the Hex color 456A10.



This preview shows how white text looks on a background with the Hex color 456A10.

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
456A10

Protanopia
6C600D

Deuteranopia
785B19



Tritanopia
50636B

Trichromacy



Original Color
456A10

Protanomaly
5E640E

Deuteranomaly
656016

Tritanomaly
4C664A

Monochromacy



Original Color
456A10

Achromatopsia
555555

Achromatomaly
4F5D3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 456A10 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 #456A10 looks like.

```
.text, #text, p{  
    color:#456A10  
}
```

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 #456A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456A10
}
```

Border

The CSS property to change the border of an element to Hex 456A10 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
#456A10 }
```

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

```
.border{ border-color:#456A10 }
```

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

Here you see how a box with a 4 pixel #456A10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456A10; -webkit-box-shadow:4px 4px  
4px 4px #456A10; box-shadow:4px 4px 4px  
4px #456A10 }
```

Background

The CSS property to change the background color of an element to Hex 456A10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456A10 }
```

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

```
.background{ background-color:#456A10 }
```

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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