

Converting Colors

Hex(04580A)

Have a look what the booklet for
Hex(04580A) contains.

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Color

Hex(04580A)

Conversions

Conversions Part 1

Format	Color
Hex	04580A
RGB	4, 88, 10
RGB Percent	2%, 35%, 4%
CMY	0.9843, 0.6549, 0.9608
CMYK	0.95, 0.00, 0.89, 0.65
HSL	124°, 91%, 18%
HSV	124°, 95%, 35%
XYZ	3.5946, 7.0272, 1.4541
YIQ	53.9920, -25.0260, -42.0660

Conversions

Conversions Part 2

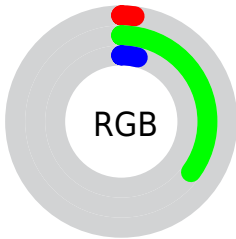
Format	Color
R_{YB}	4, 82, 88
Decimal	284682
CIE _{Lab}	31.87, -38.50, 35.08
CIE _{LCh}	32, 52.086, 137.659
Yxy	7.0272, 0.2977, 0.5819
Android (android.graphics.Color)	4278474762 (0xFF04580A)
YUV	53.9920, -21.6881, -43.8430
Hunter-Lab	26.5088, -22.1859, 15.3039

Details

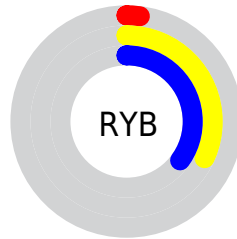
The Hex color **04580A** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **580452**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **458B3C**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **005806**, and if you desaturate by 10%, it is **0D5812**.

Distribution



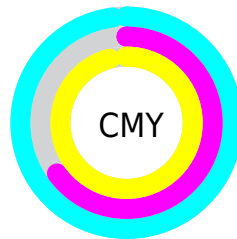
- Red (2%)
- Green (35%)
- Blue (4%)



- Red (2%)
- Yellow (32%)
- Blue (35%)



- Cyan (95%)
- Magenta (0%)
- Yellow (89%)
- Black (65%)



- Cyan (98%)
- Magenta (65%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04580A 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 04580A by changing the saturation by 10% instead.

 04580A

 04580A

 FFFFF7

 004000

 458B3C

 002A00

 5FA654

 000D00

 7AC16E

 000000

 96DD88

 B1FAA2

 CEFFBE

 EBFFDA

 04580A

 04580A

■ 005806

■ 0D5812

■ 16581A

■ 1E5823

■ 27582B

■ 305833

■ 39583B

■ 425843

■ 4A584B

■ 535854

Harmonies

Analogous

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



465000



04580A



005C38

Triad

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



04580A



00559C



911935

Complementary

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



04580A



580452

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.



8A1B5E



04580A



11489A

Square

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



04580A



005B87



6A3383



852F0D

Rectangle

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



04580A



005D55



6A3383



921642

Sweetspot

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



04580A



517354



525804



263B28



BABABA



3B3B3B

Same Dimension

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



04580A



007308



045834



272B27



006B08



00EB11

Inverse Universe

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



580452



73006B



580428



2B272B



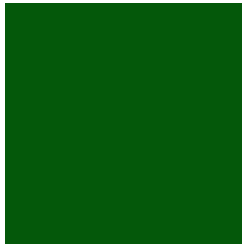
6B0063



EB00DA

Previews

White Background



This preview shows how the Hex color 04580A looks on a white background.

Color Contrast Check

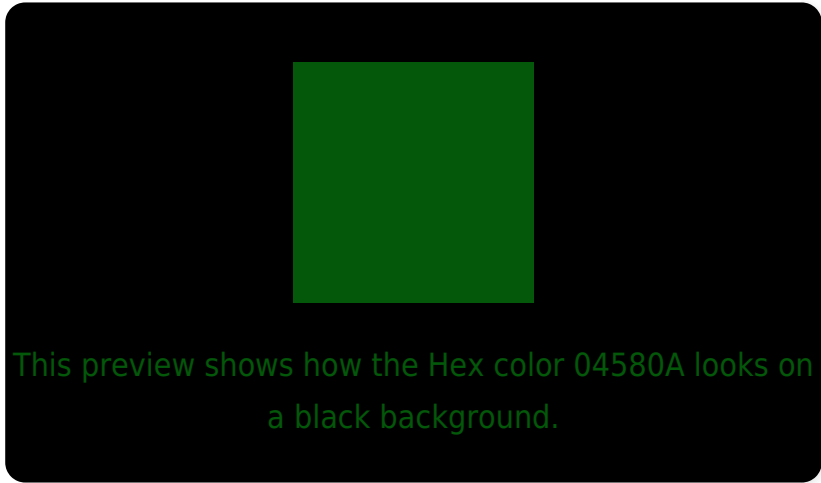
Large Text (above 18pt) WCAG AA ✓ Pass

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

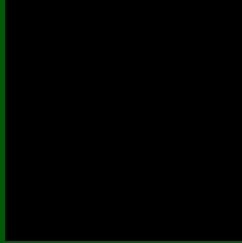
Any Text WCAG AA × Fail

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 04580A Background



This preview shows how black text looks on a background with the Hex color 04580A.



This preview shows how white text looks on a background with the Hex color 04580A.

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](#).

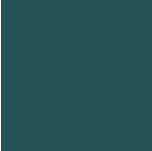
Dichromacy



Original Color
04580A

Protanopia
554B05

Deuteranopia
5E4715



Tritanopia
255258

Trichromacy



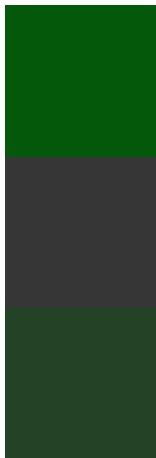
Original Color
04580A

Protanomaly
385007

Deuteranomaly
3D4D11

Tritanomaly
19543C

Monochromacy



Original Color
04580A

Achromatopsia
363636

Achromatomaly
244226

CSS Examples

Text

The CSS property to change the color of the text to Hex 04580A 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 #04580A looks like.

```
.text, #text, p{  
    color:#04580A  
}
```

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 #04580A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04580A
}
```

Border

The CSS property to change the border of an element to Hex 04580A 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".

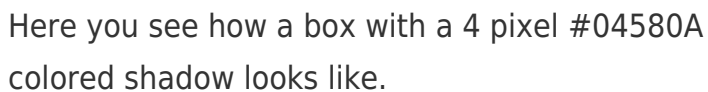
```
.border, #border, table{ border:4px solid
#04580A }
```

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

```
.border{ border-color:#04580A }
```

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

Here you see how a box with a 4 pixel #04580A colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px solid green color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04580A; -webkit-box-shadow:4px 4px  
4px 4px #04580A; box-shadow:4px 4px 4px  
4px #04580A }
```

Background

The CSS property to change the background color of an element to Hex 04580A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04580A }
```

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

```
.background{ background-color:#04580A }
```

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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