

Converting Colors

Hex(2E3500)

Have a look what the booklet for
Hex(2E3500) contains.

Hex(2E3500)	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(2E3500)

Conversions

Conversions Part 1

Format	Color
Hex	2E3500
RGB	46, 53, 0
RGB Percent	18%, 21%, 0%
CMY	0.8196, 0.7922, 1.0000
CMYK	0.13, 0.00, 1.00, 0.79
HSL	68°, 100%, 10%
HSV	68°, 100%, 21%
XYZ	2.3998, 3.1270, 0.4771
YIQ	44.8650, 12.8410, -17.9670

Conversions

Conversions Part 2

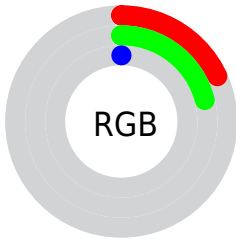
Format	Color
R_{YB}	0, 53, 7
Decimal	3028224
CIE _{Lab}	20.55, -10.84, 28.60
CIE _{LCh}	21, 30.585, 110.759
Yxy	3.1270, 0.3997, 0.5208
Android (android.graphics.Color)	4281218304 (0xFF2E3500)
YUV	44.8650, -22.1184, 0.9954
Hunter-Lab	17.6835, -6.7219, 10.7788

Details

The Hex color **2E3500** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **070035**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5E632F**, and **000400** is the 20% darker color. If you saturate the color by 10%, you get **2E3500**, and if you desaturate by 10%, it is **2F3505**.

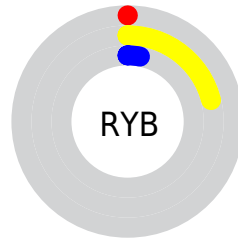
Distribution



Red (18%)

Green (21%)

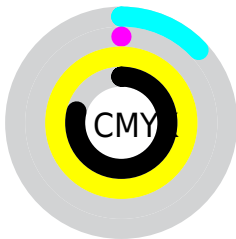
Blue (0%)



Red (0%)

Yellow (21%)

Blue (3%)

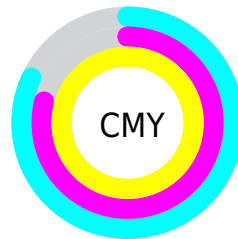


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (79%)



Cyan (82%)

Magenta (79%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E3500 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 2E3500 by changing the saturation by 10% instead.

 2E3500

 2E3500

 FFFFE5

 182000

 5E632F

 000400

 777C47

 000000

 91965F

 ACB178

 C8CC92

 E4E8AD

 FFFFC8

 2E3500

■ 2F3505

■ 2F350B

■ 303510

■ 313515

■ 31351B

■ 323520

■ 333525

■ 34352A

■ 343530

Harmonies

Analogous

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



432E00



2E3500



103913

Triad

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



2E3500



003A54



561C39

Complementary

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



2E3500



070035

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.



46244E



2E3500



00365E

Square

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



2E3500



003C41



242E5C



5A1D23

Rectangle

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



2E3500



003B22



242E5C



521E41

Sweetspot

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



2E3500



424530



350600



222417



A3A3A3



242424

Same Dimension

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



2E3500



3C4500



143500



191A17



4D5900



BCD900

Inverse Universe

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



070035



090045



210035



17171A



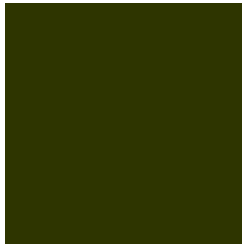
0C0059



1D00D9

Previews

White Background



This preview shows how the Hex color 2E3500 looks on a white background.

Color Contrast Check

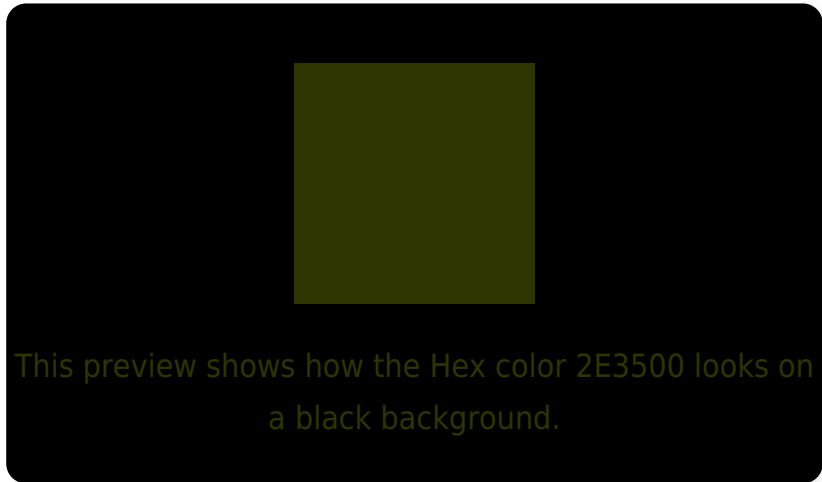
Large Text (above 18pt) WCAG AA ✓ Pass

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

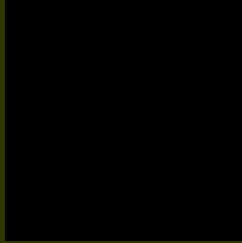
Any Text WCAG AA × Fail

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 2E3500 Background



This preview shows how black text looks on a background with the Hex color 2E3500.



This preview shows how white text looks on a background with the Hex color 2E3500.

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
2E3500

Protanopia
383200

Deuteranopia
3F2F09



Tritanopia
323135

Trichromacy



Original Color
2E3500

Protanomaly
343300

Deuteranomaly
393106

Tritanomaly
313222

Monochromacy



Original Color
2E3500

Achromatopsia
2D2D2D

Achromatomaly
2D301D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E3500 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 #2E3500 looks like.

```
.text, #text, p{  
    color:#2E3500  
}
```

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 #2E3500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3500
}
```

Border

The CSS property to change the border of an element to Hex 2E3500 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
#2E3500 }
```

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

```
.border{ border-color:#2E3500 }
```

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

Here you see how a box with a 4 pixel #2E3500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3500; -webkit-box-shadow:4px 4px  
4px 4px #2E3500; box-shadow:4px 4px 4px  
4px #2E3500 }
```

Background

The CSS property to change the background color of an element to Hex 2E3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3500 }
```

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

```
.background{ background-color:#2E3500 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor