

Converting Colors

Hex(2E4500)

Have a look what the booklet for
Hex(2E4500) contains.

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Color

Hex(2E4500)

Conversions

Conversions Part 1

Format	Color
Hex	2E4500
RGB	46, 69, 0
RGB Percent	18%, 27%, 0%
CMY	0.8196, 0.7294, 1.0000
CMYK	0.33, 0.00, 1.00, 0.73
HSL	80°, 100%, 14%
HSV	80°, 100%, 27%
XYZ	3.2548, 4.8371, 0.7621
YIQ	54.2570, 8.4410, -26.3350

Conversions

Conversions Part 2

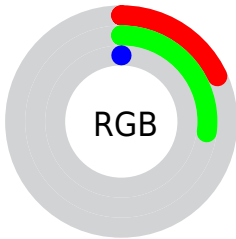
Format	Color
RYB	0, 69, 23
Decimal	3032320
CIELab	26.27, -19.81, 34.38
CIElCh	26, 39.683, 119.949
Yxy	4.8371, 0.3676, 0.5463
Android (android.graphics.Color)	4281222400 (0xFF2E4500)
YUV	54.2570, -26.7487, -7.2414
Hunter-Lab	21.9934, -12.0719, 13.3409

Details

The Hex color **2E4500** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **170045**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5F7531**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **2E4500**, and if you desaturate by 10%, it is **304507**.

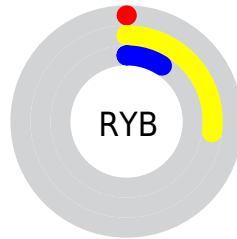
Distribution



Red (18%)

Green (27%)

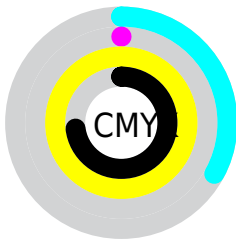
Blue (0%)



Red (0%)

Yellow (27%)

Blue (9%)

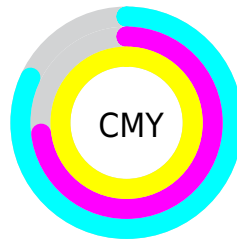


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (73%)



Cyan (82%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4500 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 2E4500 by changing the saturation by 10% instead.

 2E4500

 2E4500

 FFFF E9

 172E00

 5F7531

 001C00

 798F49

 000000

 93AA62

 AEC57B

 CAE196

 E7FEB1

 FFFF CC

 2E4500

■ 304507

■ 33450E

■ 354515

■ 37451C

■ 3A4523

■ 3C4529

■ 3E4530

■ 404537

■ 43453E

Harmonies

Analogous

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



4C3D00



2E4500



004A1E

Triad

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



2E4500



004972



721D40

Complementary

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



2E4500



170045

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.



62275D



2E4500



00427B

Square

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



2E4500



004C5C



3C3673



712322

Rectangle

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



2E4500



004B33



3C3673



6F1F4A

Sweetspot

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



2E4500



50593E



451700



282E1D



ADADAD



2E2E2E

Same Dimension

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



2E4500



3C5900



0B4500



232420



426300



97E300

Inverse Universe

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



170045



1E0059



3A0045



212024



210063



4C00E3

Previews

White Background



This preview shows how the Hex color 2E4500 looks on a white background.

Color Contrast Check

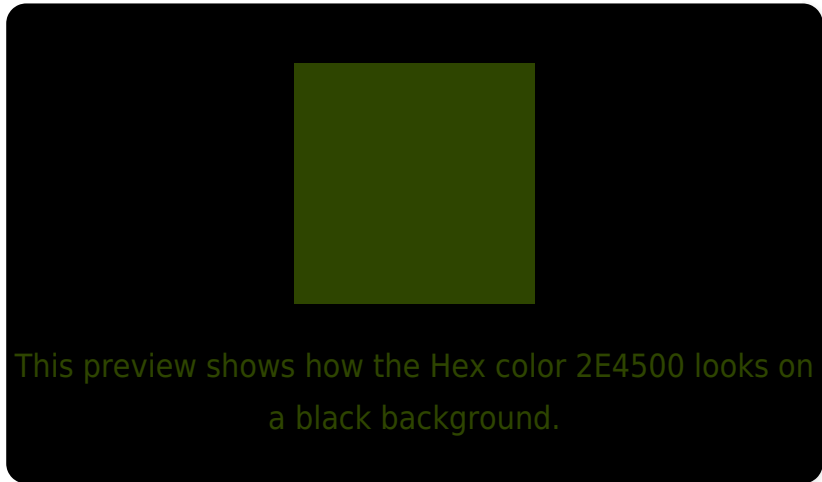
Large Text (above 18pt) WCAG AA ✓ Pass

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

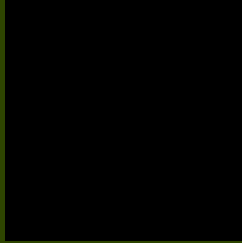
Any Text WCAG AA × Fail

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 2E4500 Background



This preview shows how black text looks on a background with the Hex color 2E4500.



This preview shows how white text looks on a background with the Hex color 2E4500.

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
2E4500

Protanopia
463E00

Deuteranopia
4E3B0D



Tritanopia
354045

Trichromacy



Original Color
2E4500

Protanomaly
3D4100

Deuteranomaly
423F08

Tritanomaly
32422C

Monochromacy



Original Color
2E4500

Achromatopsia
363636

Achromatomaly
333B22

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4500 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 #2E4500 looks like.

```
.text, #text, p{  
    color:#2E4500  
}
```

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 #2E4500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4500
}
```

Border

The CSS property to change the border of an element to Hex 2E4500 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
#2E4500 }
```

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

```
.border{ border-color:#2E4500 }
```

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

Here you see how a box with a 4 pixel #2E4500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4500; -webkit-box-shadow:4px 4px  
4px 4px #2E4500; box-shadow:4px 4px 4px  
4px #2E4500 }
```

Background

The CSS property to change the background color of an element to Hex 2E4500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4500 }
```

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

```
.background{ background-color:#2E4500 }
```

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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