

Converting Colors

Hex(2E4523)

Have a look what the booklet for
Hex(2E4523) contains.

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Color

Hex(2E4523)

Conversions

Conversions Part 1

Format	Color
Hex	2E4523
RGB	46, 69, 35
RGB Percent	18%, 27%, 14%
CMY	0.8196, 0.7294, 0.8627
CMYK	0.33, 0.00, 0.49, 0.73
HSL	101°, 33%, 20%
HSV	101°, 49%, 27%
XYZ	3.5582, 4.9584, 2.3596
YIQ	58.2470, -2.7940, -15.4500

Conversions

Conversions Part 2

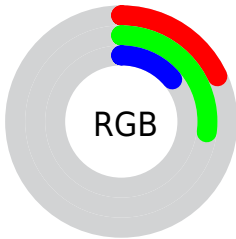
Format	Color
R_{YB}	35, 69, 58
Decimal	3032355
CIE _{Lab}	26.62, -16.43, 17.72
CIE _{LCh}	27, 24.159, 132.837
Yxy	4.9584, 0.3272, 0.4559
Android (android.graphics.Color)	4281222435 (0xFF2E4523)
YUV	58.2470, -11.4608, -10.7406
Hunter-Lab	22.2675, -10.4451, 9.3044

Details

The Hex color **2E4523** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **3A2345**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5D7550**, and **001B00** is the 20% darker color. If you saturate the color by 10%, you get **29451C**, and if you desaturate by 10%, it is **33452A**.

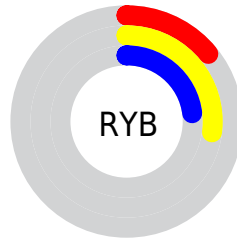
Distribution



Red (18%)

Green (27%)

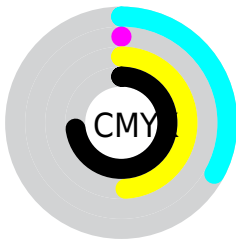
Blue (14%)



Red (14%)

Yellow (27%)

Blue (23%)

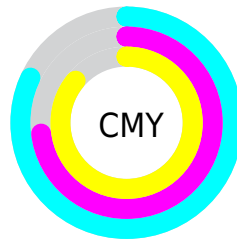


Cyan (33%)

Magenta (0%)

Yellow (49%)

Black (73%)



Cyan (82%)

Magenta (73%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4523 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 2E4523 by changing the saturation by 10% instead.

■ 2E4523

■ 2E4523

FFFFFF

■ 182F0E

■ 5D7550

■ 001B00

■ 768F68

■ 000000

■ 90AA82

■ ABC59C

■ C6E1B7

■ E2FED2

■ FFFFEF

■ 2E4523

■ 2E4523

■ 29451C

■ 33452A

■ 254515

■ 374531

■ 20450E

■ 3C4538

■ 1B4507

■ 41453F

■ 174501

■ 454546

■ 164500

■ 4A454C

■ 4F4553

■ 53455A

■ 584561

Harmonies

Analogous

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



42401A



2E4523



124833

Triad

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



2E4523



004462



623038

Complementary

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



2E4523



3A2345

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.



5C314A



2E4523



2F3E63

Square

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



2E4523



004757



4B375A



5E3427

Rectangle

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



2E4523



004840



4B375A



61303E

Sweetspot

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



2E4523



50594C



453A23



282E26



ADADAD



2E2E2E

Same Dimension

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



2E4523



365925



234529



212420



206300



49E300

Inverse Universe

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



3A2345



482559



45233F



232024



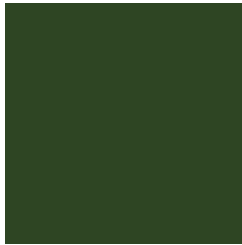
430063



9A00E3

Previews

White Background



This preview shows how the Hex color 2E4523 looks on a white background.

Color Contrast Check

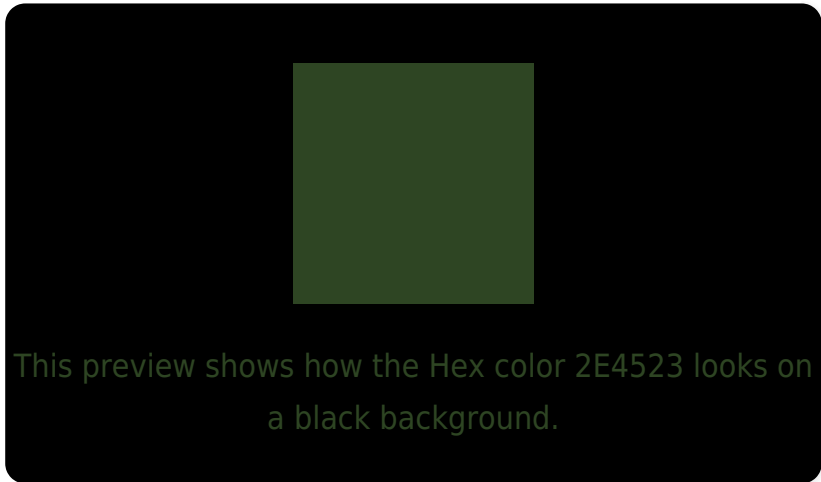
Large Text (above 18pt) WCAG AA ✓ Pass

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

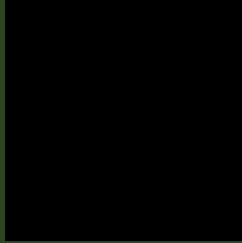
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

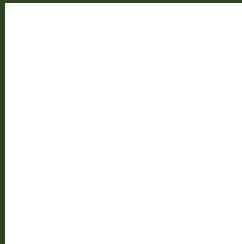
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2E4523 Background



This preview shows how black text looks on a background with the Hex color 2E4523.



This preview shows how white text looks on a background with the Hex color 2E4523.

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](#).

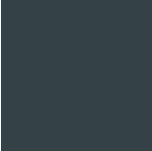
Dichromacy



Original Color
2E4523

Protanopia
453F21

Deuteranopia
4C3C25



Tritanopia
344146

Trichromacy



Original Color
2E4523

Protanomaly
3D4122

Deuteranomaly
413F24

Tritanomaly
324239

Monochromacy



Original Color
2E4523

Achromatopsia
3A3A3A

Achromatomaly
363E32

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4523 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 #2E4523 looks like.

```
.text, #text, p{  
    color:#2E4523  
}
```

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 #2E4523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4523
}
```

Border

The CSS property to change the border of an element to Hex 2E4523 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".

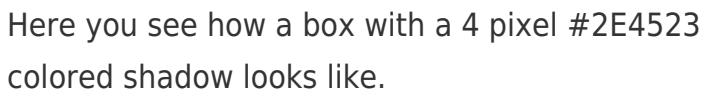
```
.border, #border, table{ border:4px solid
#2E4523 }
```

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

```
.border{ border-color:#2E4523 }
```

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

Here you see how a box with a 4 pixel #2E4523 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4523; -webkit-box-shadow:4px 4px  
4px 4px #2E4523; box-shadow:4px 4px 4px  
4px #2E4523 }
```

Background

The CSS property to change the background color of an element to Hex 2E4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4523 }
```

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

```
.background{ background-color:#2E4523 }
```

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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