

Converting Colors

Hex(2E6500)

Have a look what the booklet for
Hex(2E6500) contains.

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Color

Hex(2E6500)

Conversions

Conversions Part 1

Format	Color
Hex	2E6500
RGB	46, 101, 0
RGB Percent	18%, 40%, 0%
CMY	0.8196, 0.6039, 1.0000
CMYK	0.54, 0.00, 1.00, 0.60
HSL	93°, 100%, 20%
HSV	93°, 100%, 40%
XYZ	5.7804, 9.8882, 1.6040
YIQ	73.0410, -0.3590, -43.0710

Conversions

Conversions Part 2

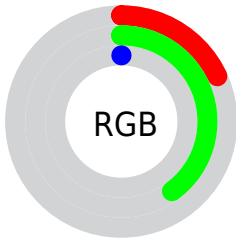
Format	Color
RYB	0, 101, 55
Decimal	3040512
CIELab	37.64, -34.58, 43.46
CIELCh	38, 55.539, 128.514
Yxy	9.8882, 0.3347, 0.5725
Android (android.graphics.Color)	4281230592 (0xFF2E6500)
YUV	73.0410, -36.0092, -23.7150
Hunter-Lab	31.4455, -22.2173, 18.9876

Details

The Hex color **2E6500** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **370065**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **639939**, and **003500** is the 20% darker color. If you saturate the color by 10%, you get **2E6500**, and if you desaturate by 10%, it is **34650A**.

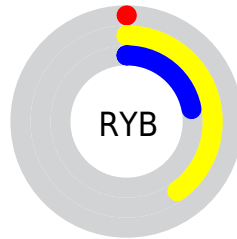
Distribution



Red (18%)

Green (40%)

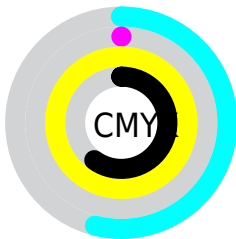
Blue (0%)



Red (0%)

Yellow (40%)

Blue (22%)

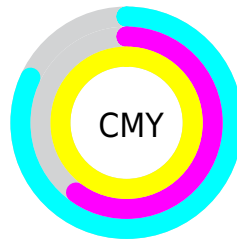


Cyan (54%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (82%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E6500 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 2E6500 by changing the saturation by 10% instead.

 2E6500

 2E6500

 FFFFF6

 124D00

 639939

 003500

 7EB452

 002200

 99CF6C

 000000

 B5EC86

 D1FFA1

 EEFFBD

 FFFFD9

 2E6500

 34650A

 396514

 3F651E

 446528

 4A6533

 4F653D

 556547

 5A6551

 60655B

Harmonies

Analogous

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



605B00



2E6500



006A36

Triad

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



2E6500



0066AC



A7224E

Complementary

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



2E6500



370065

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.



972E7A



2E6500



005AB2

Square

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



2E6500



006B90



6946A0



9F3423

Rectangle

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



2E6500



006C55



6946A0



A4235D

Sweetspot

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



2E6500



6D825B



653600



35422A



C2C2C2



424242

Same Dimension

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



2E6500



3B8200



006503



30332E



347300



6EF200

Inverse Universe

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



370065



470082



650062



312E33



3E0073



8400F2

Previews

White Background



This preview shows how the Hex color 2E6500 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 2E6500 Background



This preview shows how black text looks on a background with the Hex color 2E6500.



This preview shows how white text looks on a background with the Hex color 2E6500.

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
2E6500

Protanopia
645900

Deuteranopia
6F5415



Tritanopia
3D5E65

Trichromacy



Original Color
2E6500

Protanomaly
505D00

Deuteranomaly
575A0D

Tritanomaly
386140

Monochromacy



Original Color
2E6500

Achromatopsia
494949

Achromatomaly
3F532E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E6500 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 #2E6500 looks like.

```
.text, #text, p{  
    color:#2E6500  
}
```

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 #2E6500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6500
}
```

Border

The CSS property to change the border of an element to Hex 2E6500 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".

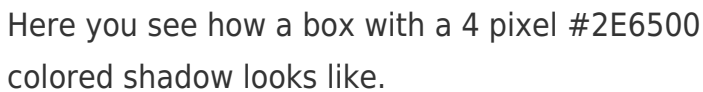
```
.border, #border, table{ border:4px solid
#2E6500 }
```

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

```
.border{ border-color:#2E6500 }
```

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

Here you see how a box with a 4 pixel #2E6500 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6500; -webkit-box-shadow:4px 4px  
4px 4px #2E6500; box-shadow:4px 4px 4px  
4px #2E6500 }
```

Background

The CSS property to change the background color of an element to Hex 2E6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6500 }
```

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

```
.background{ background-color:#2E6500 }
```

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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