

# Converting Colors

Hex(30650E)

Have a look what the booklet for  
Hex(30650E) contains.

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# Color

**Hex(30650E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30650E
RGB	48, 101, 14
RGB Percent	19%, 40%, 5%
CMY	0.8118, 0.6039, 0.9451
CMYK	0.52, 0.00, 0.86, 0.60
HSL	97°, 76%, 23%
HSV	97°, 86%, 40%
XYZ	5.9519, 9.9674, 2.0257
YIQ	75.2350, -3.6610, -38.2930

# Conversions

## Conversions Part 2

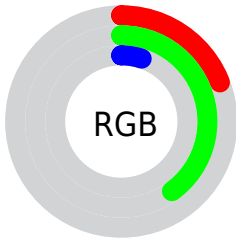
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 101, 67
Decimal	3171598
CIELab	37.78, -33.27, 39.74
CIElCh	38, 51.828, 129.943
Yxy	9.9674, 0.3317, 0.5554
Android (android.graphics.Color)	4281361678 (0xFF30650E)
YUV	75.2350, -30.1889, -23.8851
Hunter-Lab	31.5713, -21.5986, 18.2957

# Details

The Hex color **30650E** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **430E65**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **649941**, and **003500** is the 20% darker color. If you saturate the color by 10%, you get **2A6504**, and if you desaturate by 10%, it is **366518**.

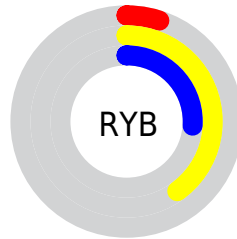
# Distribution



Red (19%)

Green (40%)

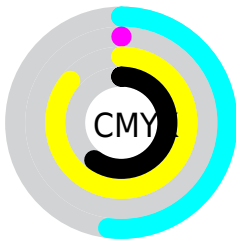
Blue (5%)



Red (5%)

Yellow (40%)

Blue (26%)

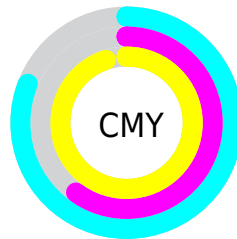


Cyan (52%)

Magenta (0%)

Yellow (86%)

Black (60%)



Cyan (81%)

Magenta (60%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30650E 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 30650E by changing the saturation by 10% instead.



 30650E

 30650E

FFFFFFE

 144D00

 649941

 003500

 7FB45A

 002200

 9ACF74

 000000

 B6EC8E

 D2FFA9

 EFFF C5

 FFFF E1

 30650E

 30650E

■ 2A6504

■ 366518

■ 276500

■ 3C6522

■ 42652C

■ 496536

■ 4F6541

■ 55654B

■ 5B6555

■ 61655F

■ 676569

# Harmonies

## Analogous

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



5F5B00



30650E



006A3A

# Triad

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



30650E



0065A8



A32A4D

# Complementary

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



30650E



430E65

# 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.



953277



30650E



0059AC

# Square

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



30650E



006B8E



6B479A



9B3925

# Rectangle

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



30650E



006C58



6B479A



A12A5B



# Sweetspot

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



30650E



6D8260



65420E



36422E



C2C2C2



424242



# Same Dimension

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



30650E



338200



0E6517



30332E



2D7300



5FF200



# Inverse Universe

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



430E65



4F0082



650E5C



312E33



460073

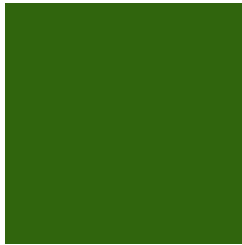


9400F2



# Previews

## White Background



This preview shows how the Hex color 30650E looks on a white background.

## Color Contrast Check

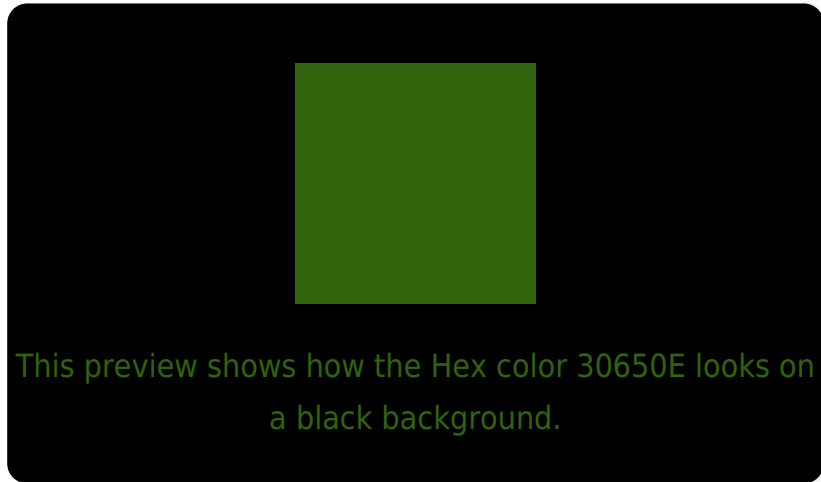
Large Text (above 18pt) WCAG AA ✓ Pass

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 30650E Background



This preview shows how black text looks on a background with the Hex color 30650E.



This preview shows how white text looks on a background with the Hex color 30650E.

# 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**  
30650E

**Protanopia**  
64590A

**Deuteranopia**  
6F5418



**Tritanopia**  
3E5E66

# Trichromacy



**Original Color**  
30650E

**Protanomaly**  
515D0B

**Deuteranomaly**  
585A14

**Tritanomaly**  
396146

# Monochromacy



**Original Color**  
30650E

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
415435

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30650E 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 #30650E looks like.

```
.text, #text, p{  
    color:#30650E  
}
```

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 #30650E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30650E
}
```

## Border

The CSS property to change the border of an element to Hex 30650E is called "border". The border property can be set on classes, ids or directly on the HTML element.

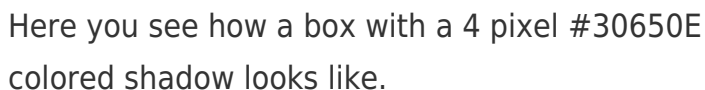
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30650E }
```

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

```
.border{ border-color:#30650E }
```

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



Here you see how a box with a 4 pixel #30650E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30650E; -webkit-box-shadow:4px 4px  
4px 4px #30650E; box-shadow:4px 4px 4px  
4px #30650E }
```

# Background

The CSS property to change the background color of an element to Hex 30650E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30650E }
```

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

```
.background{ background-color:#30650E }
```

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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