

# Converting Colors

Hex(25760E)

Have a look what the booklet for  
Hex(25760E) contains.

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# Color

Hex(25760E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	25760E
RGB	37, 118, 14
RGB Percent	15%, 46%, 5%
CMY	0.8549, 0.5373, 0.9451
CMYK	0.69, 0.00, 0.88, 0.54
HSL	107°, 79%, 26%
HSV	107°, 88%, 46%
XYZ	7.3206, 13.3819, 2.6126
YIQ	81.9250, -14.8920, -49.5160

# Conversions

## Conversions Part 2

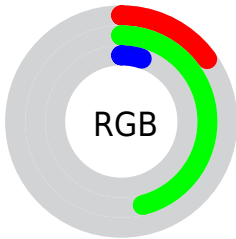
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 118, 95
Decimal	2455054
CIELab	43.33, -43.01, 44.61
CIELCh	43, 61.969, 133.952
Yxy	13.3819, 0.3140, 0.5740
Android (android.graphics.Color)	4280645134 (0xFF25760E)
YUV	81.9250, -33.4870, -39.3992
Hunter-Lab	36.5813, -28.2958, 21.3725

# Details

The Hex color **25760E** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5F0E76**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5FAB45**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **1C7602**, and if you desaturate by 10%, it is **2E761A**.

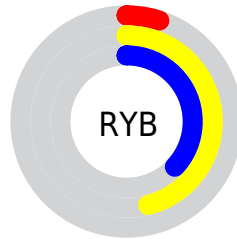
# Distribution



Red (15%)

Green (46%)

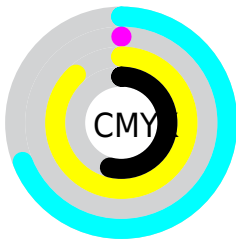
Blue (5%)



Red (5%)

Yellow (46%)

Blue (37%)

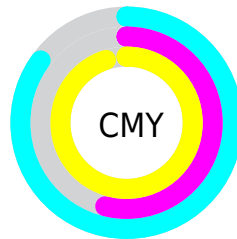


Cyan (69%)

Magenta (0%)

Yellow (88%)

Black (54%)



Cyan (85%)

Magenta (54%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25760E 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 25760E by changing the saturation by 10% instead.



 25760E

 25760E

FFFFFF

 005D00

 5FAB45

 004400

 7AC75E

 002E00

 96E378

 001400

 B2FF93

 000000

 CFFFAE

 ECFFCA

 FFFFE7

 25760E

 25760E

■ 1C7602

■ 2E761A

■ 1A7600

■ 377626

■ 417631

■ 4A763D

■ 537649

■ 5C7655

■ 657661

■ 6F766C

■ 787678

# Harmonies

## Analogous

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



666C00



25760E



007B48

# Triad

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



25760E



0074CA



C02951

# Complementary

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



25760E



5F0E76

# 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.



B33084



25760E



0065CB

# Square

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



25760E



007BAD



854CB1



B24120

# Rectangle

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



25760E



007D6C



854CB1



BF2762



# Sweetspot

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



25760E



7A9971



765E0E



3A4D35



CCCCCC



4D4D4D



# Same Dimension

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



25760E



229900



0E762A



363B35



1B7A00



37FA00



# Inverse Universe

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



5F0E76



770099



760E5A



39353B



5F007A



C300FA



# Previews

## White Background



This preview shows how the Hex color 25760E looks on a white background.

## Color Contrast Check

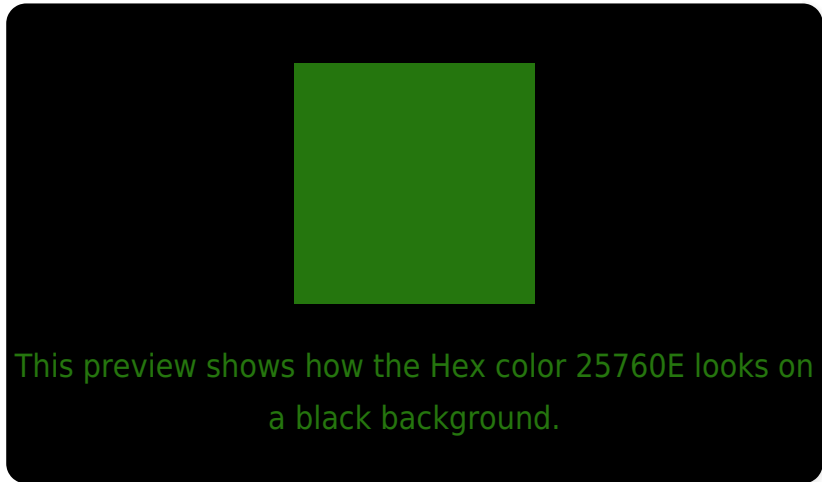
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

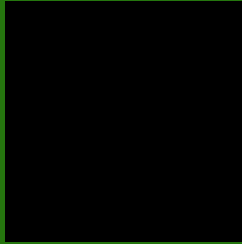
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 25760E Background



This preview shows how black text looks on a background with the Hex color 25760E.



This preview shows how white text looks on a background with the Hex color 25760E.

# 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





**Tritanopia**  
3C6E77

# Trichromacy



**Original Color**  
25760E

**Protanomaly**  
576C0A

**Deuteranomaly**  
5F6917

**Tritanomaly**  
347151

# Monochromacy



**Original Color**  
25760E

**Achromatopsia**  
525252

**Achromatomaly**  
425F39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25760E 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 #25760E looks like.

```
.text, #text, p{  
    color:#25760E  
}
```

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 #25760E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25760E
}
```

## Border

The CSS property to change the border of an element to Hex 25760E 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
#25760E }
```

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

```
.border{ border-color:#25760E }
```

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

Here you see how a box with a 4 pixel #25760E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25760E; -webkit-box-shadow:4px 4px  
4px 4px #25760E; box-shadow:4px 4px 4px  
4px #25760E }
```

# Background

The CSS property to change the background color of an element to Hex 25760E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25760E }
```

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

```
.background{ background-color:#25760E }
```

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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