

# Converting Colors

Hex(25770D)

Have a look what the booklet for  
Hex(25770D) contains.

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# Color

Hex(25770D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	25770D
RGB	37, 119, 13
RGB Percent	15%, 47%, 5%
CMY	0.8549, 0.5333, 0.9490
CMYK	0.69, 0.00, 0.89, 0.53
HSL	106°, 80%, 26%
HSV	106°, 89%, 47%
XYZ	7.4324, 13.6160, 2.6172
YIQ	82.3980, -14.8460, -50.3500

# Conversions

## Conversions Part 2

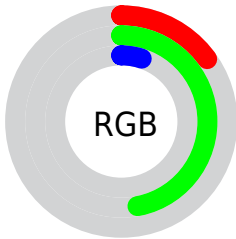
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">13, 119, 95</a>
Decimal	<a href="#">2455309</a>
CIELab	<a href="#">43.68, -43.42, 45.17</a>
CIELCh	<a href="#">44, 62.654, 133.864</a>
Yxy	<a href="#">13.6160, 0.3141, 0.5753</a>
Android (android.graphics.Color)	<a href="#">4280645389 (0xFF25770D)</a>
YUV	<a href="#">82.3980, -34.2132, -39.8140</a>
Hunter-Lab	<a href="#">36.8999, -28.6211, 21.6247</a>

# Details

The Hex color **25770D** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5F0D77**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5FAC44**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **1C7701**, and if you desaturate by 10%, it is **2E7719**.

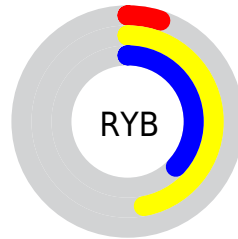
# Distribution



Red (15%)

Green (47%)

Blue (5%)



Red (5%)

Yellow (47%)

Blue (37%)

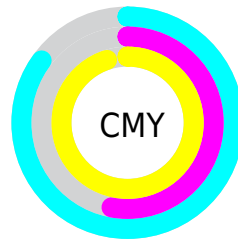


Cyan (69%)

Magenta (0%)

Yellow (89%)

Black (53%)



Cyan (85%)

Magenta (53%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25770D 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 25770D by changing the saturation by 10% instead.



 25770D

 25770D

FFFFFF

 005E00

 5FAC44

 004500

 7AC85E

 002E00

 96E478

 001500

 B3FF93

 000000

 CFFFAE

 EDFFCA

 FFFFE6

 25770D

 25770D

■ 1C7701

■ 2E7719

■ 1B7700

■ 377725

■ 417731

■ 4A773D

■ 537748

■ 5C7754

■ 657760

■ 6F776C

■ 787778

# Harmonies

## Analogous

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



676C00



25770D



007C48

# Triad

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



25770D



0075CC



C22952

# Complementary

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



25770D



5F0D77

# 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.



B53085



25770D



0066CD

# Square

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



25770D



007CAF



864DB3



B44120

# Rectangle

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



25770D



007E6D



864DB3



C12763



# Sweetspot

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



25770D



7B9C72



775E0D



3B4F36



CFCFCF



4F4F4F



# Same Dimension

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



25770D



239C00



0D7729



363B35



1C7A00



39FA00



# Inverse Universe

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



5F0D77



78009C



770D5B



39353B



5F007A

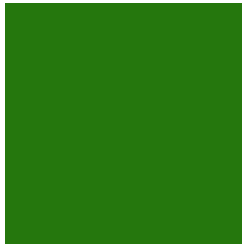


C100FA



# Previews

## White Background



This preview shows how the Hex color 25770D looks on a white background.

### Color Contrast Check

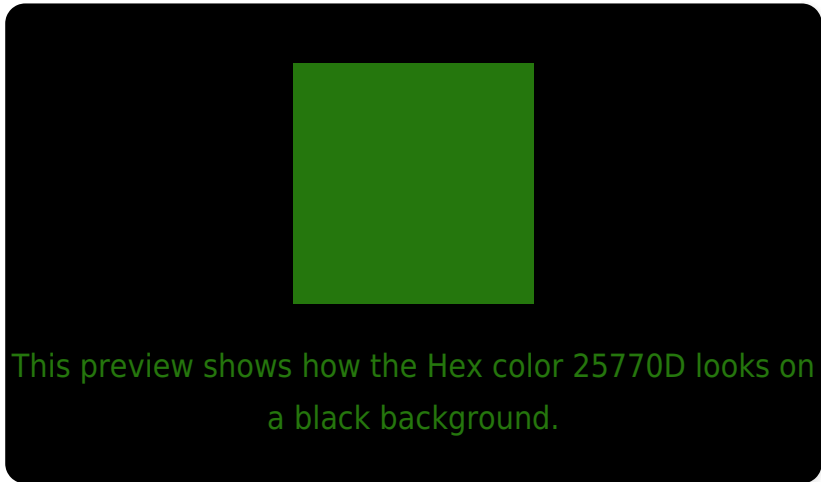
Large Text (above 18pt) WCAG AA ✓ Pass

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

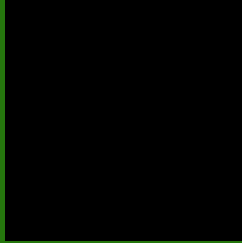
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 25770D Background



This preview shows how black text looks on a background with the Hex color 25770D.



This preview shows how white text looks on a background with the Hex color 25770D.

# 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**  
25770D

**Protanopia**  
746706

**Deuteranopia**  
81621C



**Tritanopia**  
3C6F78

# Trichromacy



**Original Color**  
25770D

**Protanomaly**  
576D09

**Deuteranomaly**  
606A17

**Tritanomaly**  
347251

# Monochromacy



**Original Color**  
25770D

**Achromatopsia**  
525252

**Achromatomaly**  
425F39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25770D 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 #25770D looks like.

```
.text, #text, p{  
    color:#25770D  
}
```

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 #25770D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25770D
}
```

## Border

The CSS property to change the border of an element to Hex 25770D 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
#25770D }
```

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

```
.border{ border-color:#25770D }
```

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

Here you see how a box with a 4 pixel #25770D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25770D; -webkit-box-shadow:4px 4px  
4px 4px #25770D; box-shadow:4px 4px 4px  
4px #25770D }
```

# Background

The CSS property to change the background color of an element to Hex 25770D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25770D }
```

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

```
.background{ background-color:#25770D }
```

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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