

# Converting Colors

Hex(16752A)

Have a look what the booklet for  
Hex(16752A) contains.

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# Color

**Hex(16752A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	16752A
RGB	22, 117, 42
RGB Percent	9%, 46%, 16%
CMY	0.9137, 0.5412, 0.8353
CMYK	0.81, 0.00, 0.64, 0.54
HSL	133°, 68%, 27%
HSV	133°, 81%, 46%
XYZ	7.1101, 13.0603, 4.3366
YIQ	80.0450, -32.5450, -43.4650

# Conversions

## Conversions Part 2

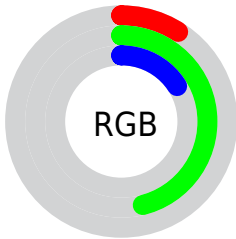
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 100, 117
Decimal	1471786
CIE <sub>Lab</sub>	42.85, -43.00, 33.17
CIE <sub>LCh</sub>	43, 54.312, 142.356
Yxy	13.0603, 0.2901, 0.5329
Android (android.graphics.Color)	4279661866 (0xFF16752A)
YUV	80.0450, -18.7562, -50.9055
Hunter-Lab	36.1391, -28.1249, 18.1826

# Details

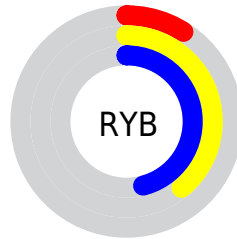
The Hex color **16752A** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **751661**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **54AA5A**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **0A7521**, and if you desaturate by 10%, it is **227533**.

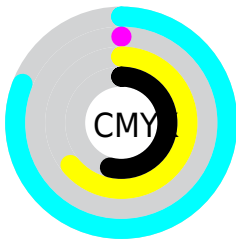
# Distribution



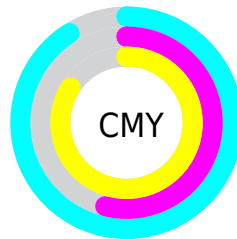
- Red (9%)
- Green (46%)
- Blue (16%)



- Red (9%)
- Yellow (39%)
- Blue (46%)



- Cyan (81%)
- Magenta (0%)
- Yellow (64%)
- Black (54%)



- Cyan (91%)
- Magenta (54%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 16752A 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 16752A by changing the saturation by 10% instead.



 16752A

 16752A

FFFFFF

 005C12

 54AA5A

 004300

 6FC674

 002D00

 8BE28E

 001200

 A7FFA9

 000000

 C4FFC4

 E1FFE0

 FEFFFD

 16752A

 16752A

■ 0A7521

■ 227533

■ 007519

■ 2D753C

■ 397546

■ 45754F

■ 517558

■ 5C7561

■ 68756B

■ 747574

■ 7F757D

# Harmonies

## Analogous

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



5A6D00



16752A



007958

# Triad

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



16752A



006EBF



B43946

# Complementary

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



16752A



751661

# 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.



AF3773



16752A



4B5EB9

# Square

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



16752A



0077AC



90499D



A34C1D

# Rectangle

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



16752A



007A77



90499D



B53655



# Sweetspot

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



16752A



74997C



627516



364D3B



CCCCCC



4D4D4D



# Same Dimension

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



16752A



059924



167559



353B36



007A1A



00FA35



# Inverse Universe

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



751661



99057A



751633



3B3539



7A0061



FA00C5



# Previews

## White Background



This preview shows how the Hex color 16752A looks on a white background.

## Color Contrast Check

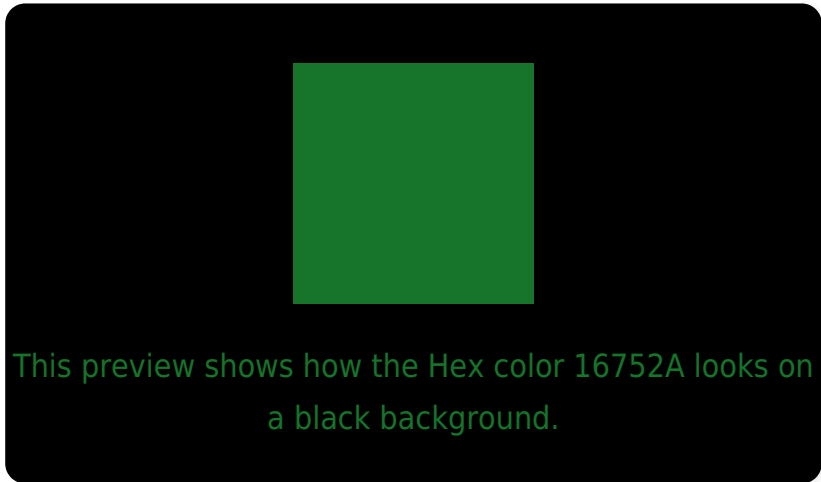
Large Text (above 18pt) WCAG AA ✓ Pass

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

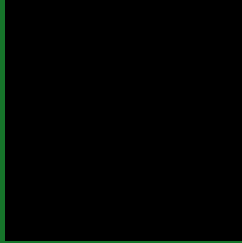
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 16752A Background



This preview shows how black text looks on a background with the Hex color 16752A.



This preview shows how white text looks on a background with the Hex color 16752A.

# 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**  
336E76

# Trichromacy



**Original Color**  
16752A



**Protanomaly**  
4F6B27



**Deuteranomaly**  
57682E



**Tritanomaly**  
28715A

# Monochromacy



**Original Color**  
16752A



**Achromatopsia**  
505050



**Achromatomaly**  
3B5D42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 16752A 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 #16752A looks like.

```
.text, #text, p{  
    color:#16752A  
}
```

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 #16752A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16752A
}
```

## Border

The CSS property to change the border of an element to Hex 16752A 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
#16752A }
```

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

```
.border{ border-color:#16752A }
```

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

Here you see how a box with a 4 pixel #16752A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16752A; -webkit-box-shadow:4px 4px  
4px 4px #16752A; box-shadow:4px 4px 4px  
4px #16752A }
```

# Background

The CSS property to change the background color of an element to Hex 16752A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16752A }
```

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

```
.background{ background-color:#16752A }
```

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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