

# Converting Colors

Hex(24630A)

Have a look what the booklet for  
Hex(24630A) contains.

<b>Hex(24630A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(24630A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24630A
RGB	36, 99, 10
RGB Percent	14%, 39%, 4%
CMY	0.8588, 0.6118, 0.9608
CMYK	0.64, 0.00, 0.90, 0.61
HSL	102°, 82%, 21%
HSV	102°, 90%, 39%
XYZ	5.2442, 9.3207, 1.8098
YIQ	70.0170, -8.9790, -41.0350

# Conversions

## Conversions Part 2

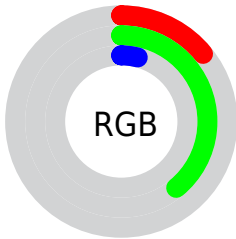
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 99, 73
Decimal	2384650
CIELab	36.59, -36.35, 39.64
CIELCh	37, 53.784, 132.523
Yxy	9.3207, 0.3203, 0.5692
Android (android.graphics.Color)	4280574730 (0xFF24630A)
YUV	70.0170, -29.5884, -29.8329
Hunter-Lab	30.5298, -22.7656, 17.8561

# Details

The Hex color **24630A** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **490A63**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5A973F**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **1D6300**, and if you desaturate by 10%, it is **2B6314**.

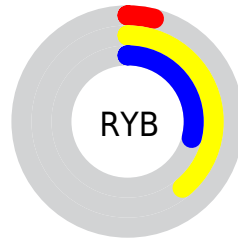
# Distribution



Red (14%)

Green (39%)

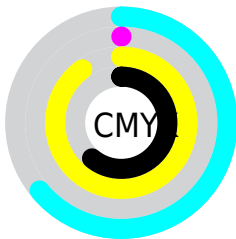
Blue (4%)



Red (4%)

Yellow (39%)

Blue (29%)

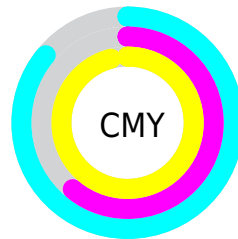


Cyan (64%)

Magenta (0%)

Yellow (90%)

Black (61%)



Cyan (86%)

Magenta (61%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24630A 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 24630A by changing the saturation by 10% instead.



 24630A

 24630A

 FFFFFFFB

 014B00

 5A973F

 003300

 75B257

 001F00

 90CD71

 000000

 ABEA8B

 C7FFA6

 E4FFC2

 FFFFDE

 24630A

 24630A

■ 1D6300

■ 2B6314

■ 32631E

■ 396328

■ 406332

■ 47633C

■ 4E6345

■ 55634F

■ 5C6359

■ 636363

# Harmonies

## Analogous

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



585A00



24630A



00683A

# Triad

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



24630A



0062A9



A22446

# Complementary

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



24630A



490A63

# 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.



962A71



24630A



0055AB

# Square

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



24630A



006890



6E4196



97361D

# Rectangle

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



24630A



006959



6E4196



A02254



# Sweetspot

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



24630A



67805D



63480A



31402B



BFBFBF



404040



# Same Dimension

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



24630A



258000



0A631C



2D302C



217000



46F000



# Inverse Universe

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



490A63



5A0080



630A51



2F2C30



4F0070



AA00F0



# Previews

## White Background



This preview shows how the Hex color 24630A looks on a white background.

## Color Contrast Check

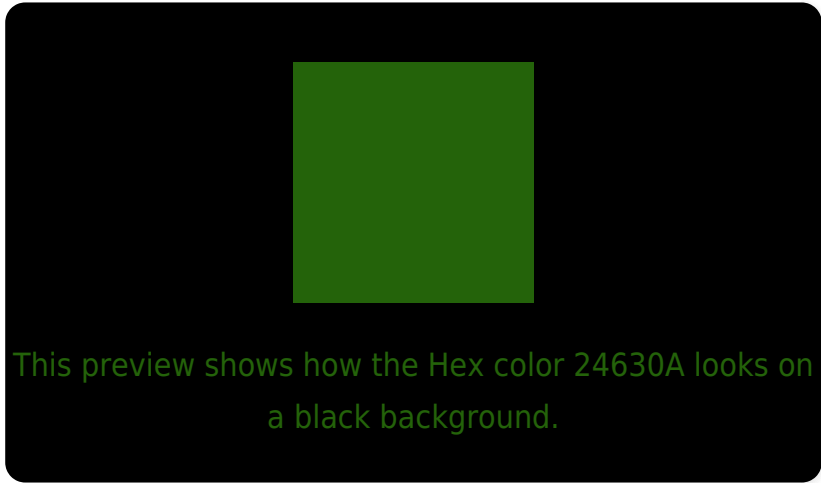
Large Text (above 18pt) WCAG AA ✓ Pass

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

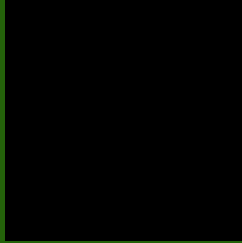
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 24630A Background



This preview shows how black text looks on a background with the Hex color 24630A.



This preview shows how white text looks on a background with the Hex color 24630A.

# 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**  
24630A

**Protanopia**  
615603

**Deuteranopia**  
6C5117



**Tritanopia**  
355C63

# Trichromacy



**Original Color**  
24630A

**Protanomaly**  
4B5B06

**Deuteranomaly**  
525812

**Tritanomaly**  
2F5F43

# Monochromacy



**Original Color**  
24630A

**Achromatopsia**  
464646

**Achromatomaly**  
3A5130

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24630A 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 #24630A looks like.

```
.text, #text, p{  
    color:#24630A  
}
```

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 #24630A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24630A
}
```

## Border

The CSS property to change the border of an element to Hex 24630A 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".

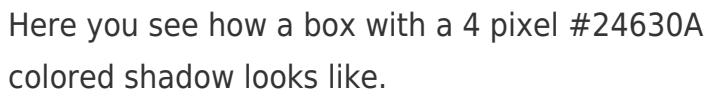
```
.border, #border, table{ border:4px solid
#24630A }
```

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

```
.border{ border-color:#24630A }
```

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

Here you see how a box with a 4 pixel #24630A colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24630A; -webkit-box-shadow:4px 4px  
4px 4px #24630A; box-shadow:4px 4px 4px  
4px #24630A }
```

# Background

The CSS property to change the background color of an element to Hex 24630A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24630A }
```

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

```
.background{ background-color:#24630A }
```

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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