

Converting Colors

Hex(24490D)

Have a look what the booklet for
Hex(24490D) contains.

Hex(24490D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(24490D)

Conversions

Conversions Part 1

Format	Color
Hex	24490D
RGB	36, 73, 13
RGB Percent	14%, 29%, 5%
CMY	0.8588, 0.7137, 0.9490
CMYK	0.51, 0.00, 0.82, 0.71
HSL	97°, 70%, 17%
HSV	97°, 82%, 29%
XYZ	3.1827, 5.1692, 1.2108
YIQ	55.0970, -2.7920, -26.5040

Conversions

Conversions Part 2

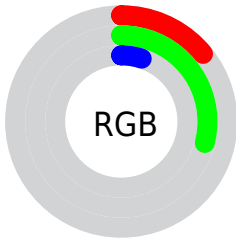
Format	Color
RYB	13, 73, 50
Decimal	2377997
CIELab	27.21, -25.10, 29.86
CIELCh	27, 39.007, 130.044
Yxy	5.1692, 0.3328, 0.5406
Android (android.graphics.Color)	4280568077 (0xFF24490D)
YUV	55.0970, -20.7538, -16.7481
Hunter-Lab	22.7359, -14.8001, 12.7577

Details

The Hex color **24490D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **320D49**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **557A3C**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **1F4906**, and if you desaturate by 10%, it is **294914**.

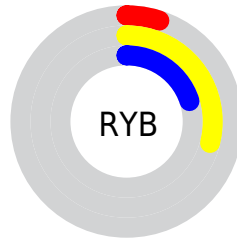
Distribution



 Red (14%)

 Green (29%)

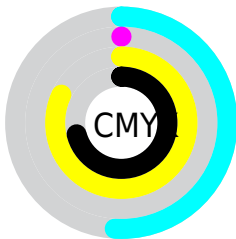
 Blue (5%)




 Red (5%)

 Yellow (29%)

 Blue (20%)

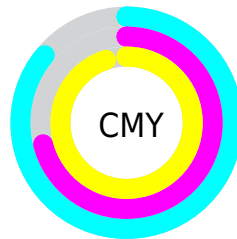



 Cyan (51%)

 Magenta (0%)

 Yellow (82%)

 Black (71%)



 Cyan (86%)

 Magenta (71%)

 Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24490D 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 24490D by changing the saturation by 10% instead.

 24490D

 24490D

 FFFFF4

 0E3200

 557A3C

 001F00

 6E9454

 000000

 88AF6C

 A3CA86

 BFE6A1

 DBFFBC

 F8FFD8

 24490D

 24490D

■ 1F4906

■ 294914

■ 1C4900

■ 2D491C

■ 324923

■ 36492A

■ 3B4931

■ 3F4939

■ 444940

■ 484947

■ 4D494F

Harmonies

Analogous

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



454200



24490D



004D2B

Triad

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



24490D



004978



752138

Complementary

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



24490D



320D49

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.



6B2655



24490D



01417B

Square

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



24490D



004D66



4E346E



702A1B

Rectangle

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



24490D



004E3F



4E346E



742142

Sweetspot

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



24490D



505E47



49320D



273022



B0B0B0



303030

Same Dimension

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



24490D



255E01



0D4914



212420



266300



57E300

Inverse Universe

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



320D49



3B015E



490D42



222024



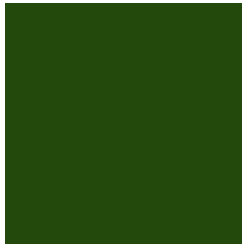
3D0063



8C00E3

Previews

White Background



This preview shows how the Hex color 24490D looks on a white background.

Color Contrast Check

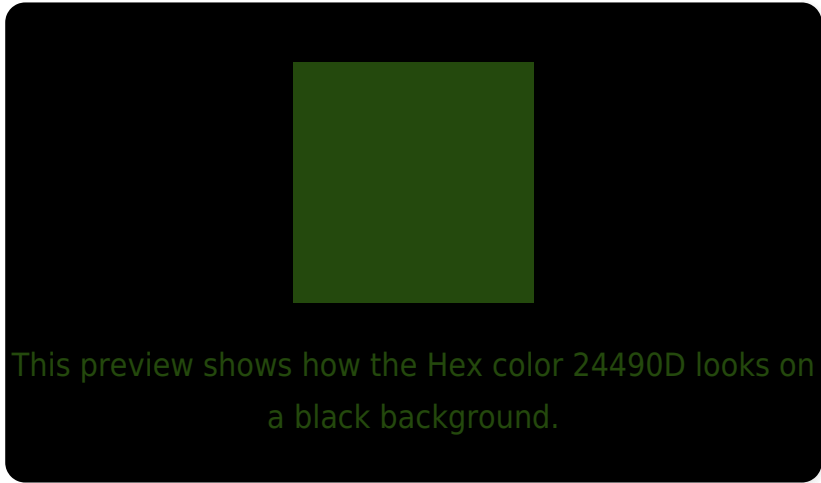
Large Text (above 18pt) WCAG AA ✓ Pass

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

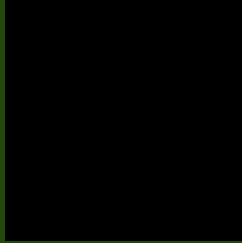
Any Text WCAG AA × Fail

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 24490D Background



This preview shows how black text looks on a background with the Hex color 24490D.



This preview shows how white text looks on a background with the Hex color 24490D.

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](#).

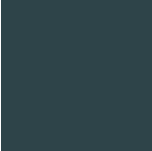
Dichromacy



Original Color
24490D

Protanopia
48400B

Deuteranopia
513D13



Tritanopia
2E4449

Trichromacy



Original Color
24490D

Protanomaly
3B430C

Deuteranomaly
414111

Tritanomaly
2A4633

Monochromacy



Original Color
24490D

Achromatopsia
373737

Achromatomaly
303E28

CSS Examples

Text

The CSS property to change the color of the text to Hex 24490D 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 #24490D looks like.

```
.text, #text, p{  
    color:#24490D  
}
```

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 #24490D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24490D
}
```

Border

The CSS property to change the border of an element to Hex 24490D 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".

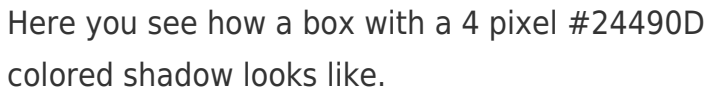
```
.border, #border, table{ border:4px solid
#24490D }
```

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

```
.border{ border-color:#24490D }
```

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

Here you see how a box with a 4 pixel #24490D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24490D; -webkit-box-shadow:4px 4px  
4px 4px #24490D; box-shadow:4px 4px 4px  
4px #24490D }
```

Background

The CSS property to change the background color of an element to Hex 24490D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24490D }
```

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

```
.background{ background-color:#24490D }
```

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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