

Converting Colors

Hex(24802A)

Have a look what the booklet for
Hex(24802A) contains.

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Color

Hex(24802A)

Conversions

Conversions Part 1

Format	Color
Hex	24802A
RGB	36, 128, 42
RGB Percent	14%, 50%, 16%
CMY	0.8588, 0.4980, 0.8353
CMYK	0.72, 0.00, 0.67, 0.50
HSL	124°, 56%, 32%
HSV	124°, 72%, 50%
XYZ	8.8646, 15.9806, 4.8078
YIQ	90.6880, -27.2260, -46.2500

Conversions

Conversions Part 2

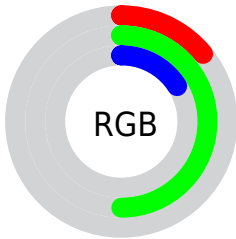
Format	Color
R _Y B	36, 122, 128
Decimal	2392106
CIE Lab	46.95, -44.58, 37.84
CIE LCh	47, 58.479, 139.675
Yxy	15.9806, 0.2989, 0.5389
Android (android.graphics.Color)	4280582186 (0xFF24802A)
YUV	90.6880, -24.0032, -47.9614
Hunter-Lab	39.9757, -30.3750, 20.8523

Details

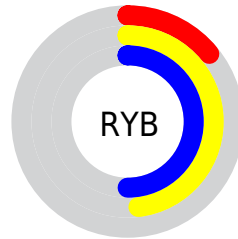
The Hex color **24802A** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **80247A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5FB65B**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **17801E**, and if you desaturate by 10%, it is **318036**.

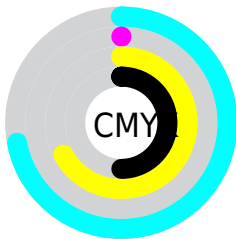
Distribution



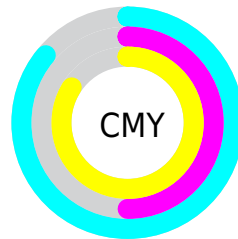
- Red (14%)
- Green (50%)
- Blue (16%)



- Red (14%)
- Yellow (48%)
- Blue (50%)



- Cyan (72%)
- Magenta (0%)
- Yellow (67%)
- Black (50%)



- Cyan (86%)
- Magenta (50%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24802A 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 24802A by changing the saturation by 10% instead.

 24802A

 24802A

FFFFFF

 006610

 5FB65B

 004D00

 7BD275

 003600

 97EE8F

 002000

 B3FFAA

 000000

 D0FFC6

 EDFFE2

 24802A

 24802A

 17801E

 318036

 0A8012

 3E8042

 008008

 4A804E

 57805A

 648066

 718072

 7E807E

 8A808A

 978096

Harmonies

Analogous

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



677700



24802A



00855C

Triad

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



24802A



007AD0



C63E51

Complementary

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



24802A



80247A

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.



BE3D82



24802A



486ACD

Square

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



24802A



0083BA



9952B0



B55224

Rectangle

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



24802A



00867E



9952B0



C63A61

Sweetspot

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



24802A



81A684



7B8024



3E5440



D4D4D4



545454

Same Dimension

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



24802A



17A621



248057



39403A



008008



000000

Inverse Universe

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



80247A



A6179C



80244D



40393F



800077



000000

Previews

White Background



This preview shows how the Hex color 24802A looks on a white background.

Color Contrast Check

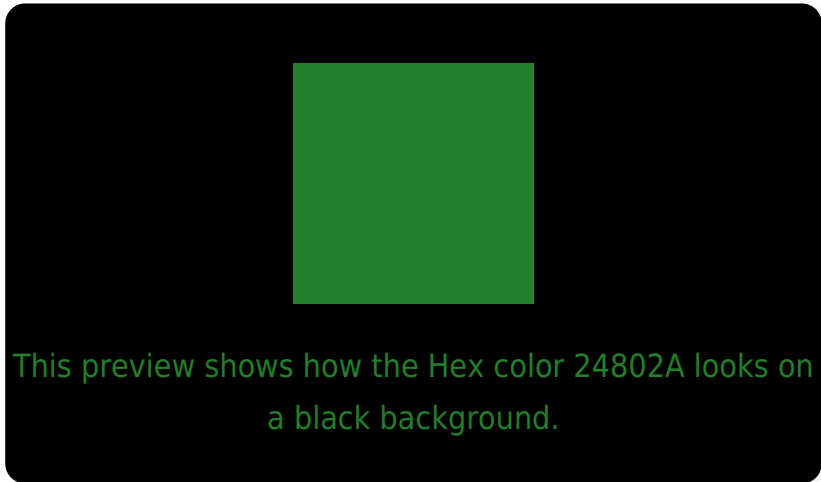
Large Text (above 18pt) WCAG AA ✓ Pass

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 24802A Background



This preview shows how black text looks on a background with the Hex color 24802A.



This preview shows how white text looks on a background with the Hex color 24802A.

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
24802A

Protanopia
7C6F25

Deuteranopia
896931



Tritanopia
3D7881

Trichromacy



Original Color
24802A

Protanomaly
5C7527

Deuteranomaly
64712E

Tritanomaly
347B61

Monochromacy



Original Color
24802A

Achromatopsia
5B5B5B

Achromatomaly
476849

CSS Examples

Text

The CSS property to change the color of the text to Hex 24802A 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 #24802A looks like.

```
.text, #text, p{  
    color:#24802A  
}
```

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 #24802A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24802A
}
```

Border

The CSS property to change the border of an element to Hex 24802A 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
#24802A }
```

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

```
.border{ border-color:#24802A }
```

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

Here you see how a box with a 4 pixel #24802A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24802A; -webkit-box-shadow:4px 4px  
4px 4px #24802A; box-shadow:4px 4px 4px  
4px #24802A }
```

Background

The CSS property to change the background color of an element to Hex 24802A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24802A }
```

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

```
.background{ background-color:#24802A }
```

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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