

Converting Colors

Hex(24280A)

Have a look what the booklet for
Hex(24280A) contains.

Hex(24280A)	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(24280A)

Conversions

Conversions Part 1

Format	Color
Hex	24280A
RGB	36, 40, 10
RGB Percent	14%, 16%, 4%
CMY	0.8588, 0.8431, 0.9608
CMYK	0.10, 0.00, 0.75, 0.84
HSL	68°, 60%, 10%
HSV	68°, 75%, 16%
XYZ	1.5411, 1.9146, 0.5755
YIQ	35.3840, 7.2460, -10.1780

Conversions

Conversions Part 2

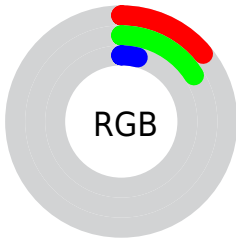
Format	Color
RYB	10, 40, 14
Decimal	2369546
CIELab	15.03, -7.21, 17.69
CIElCh	15, 19.099, 112.172
Yxy	1.9146, 0.3823, 0.4749
Android (android.graphics.Color)	4280559626 (0xFF24280A)
YUV	35.3840, -12.5143, 0.5402
Hunter-Lab	13.8368, -4.3332, 7.2198

Details

The Hex color **24280A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0E0A28**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **515536**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **232806**, and if you desaturate by 10%, it is **25280E**.

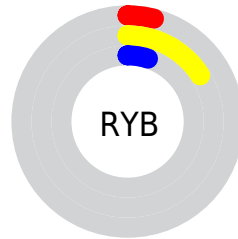
Distribution



Red (14%)

Green (16%)

Blue (4%)



Red (4%)

Yellow (16%)

Blue (5%)

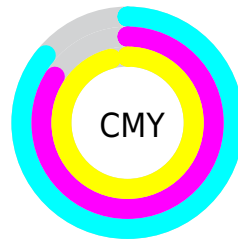


Cyan (10%)

Magenta (0%)

Yellow (75%)

Black (84%)



Cyan (86%)

Magenta (84%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24280A 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 24280A by changing the saturation by 10% instead.

■ 24280A

■ 24280A

■ FFFFEB

■ 0A1400

■ 515536

■ 000000

■ 6A6D4D

■ 838765

■ 9DA17E

■ B8BC98

■ D4D7B3

■ F1F4CE

■ 24280A

■ 24280A

■ 232806

■ 25280E

■ 232802

■ 252812

■ 232800

■ 262816

■ 26281A

■ 27281E

■ 272822

■ 282826

■ 28282A

■ 29282E

Harmonies

Analogous

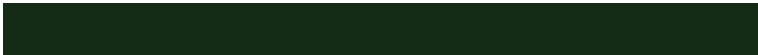
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



312408



24280A



142B15

Triad

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



24280A



002B3B



3D1B2A

Complementary

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



24280A



0E0A28

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.



331E36



24280A



012840

Square

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



24280A



002C2F



21243F



3F1B1C

Rectangle

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



24280A



042C1D



21243F



3A1B2E

Sweetspot

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



24280A



313327



280E0A



191A12



999999



1A1A1A

Same Dimension

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



24280A



2D3305



15280A



141412



495400



B7D400

Inverse Universe

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



0E0A28



0B0533



1D0A28



131214



0B0054



1C00D4

Previews

White Background



This preview shows how the Hex color 24280A looks on a white background.

Color Contrast Check

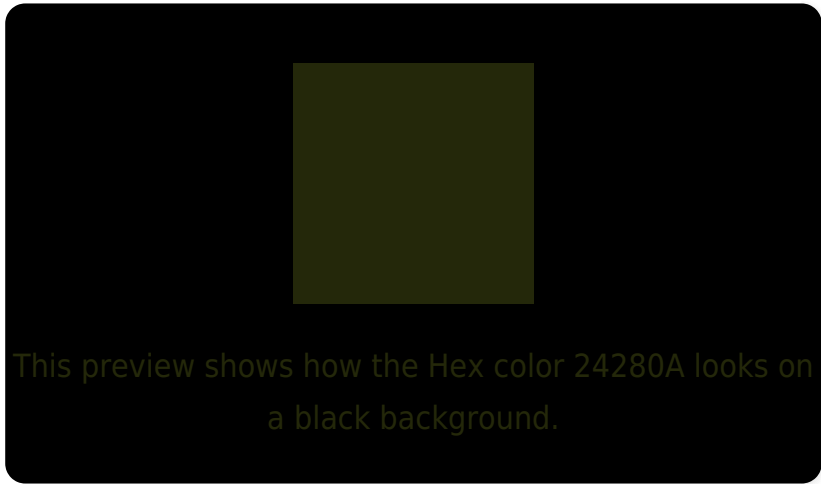
Large Text (above 18pt) WCAG AA ✓ Pass

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

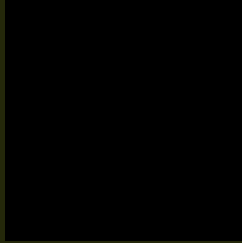
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

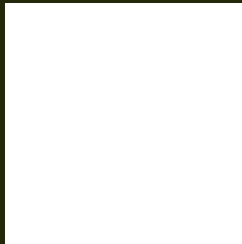
Any Text WCAG AAA × Fail

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

Hex 24280A Background



This preview shows how black text looks on a background with the Hex color 24280A.

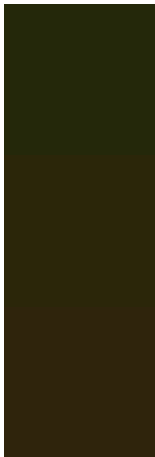


This preview shows how white text looks on a background with the Hex color 24280A.

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
24280A

Protanopia
2B2609

Deuteranopia
2F240C



Tritanopia
272528

Trichromacy



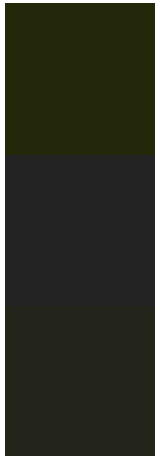
Original Color
24280A

Protanomaly
282709

Deuteranomaly
2B250B

Tritanomaly
26261D

Monochromacy



Original Color
24280A

Achromatopsia
232323

Achromatomaly
23251A

CSS Examples

Text

The CSS property to change the color of the text to Hex 24280A 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 #24280A looks like.

```
.text, #text, p{  
    color:#24280A  
}
```

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 #24280A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24280A
}
```

Border

The CSS property to change the border of an element to Hex 24280A 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".

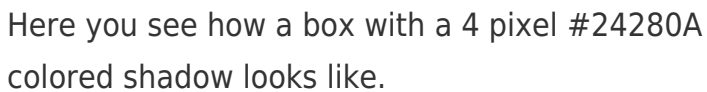
```
.border, #border, table{ border:4px solid
#24280A }
```

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

```
.border{ border-color:#24280A }
```

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

Here you see how a box with a 4 pixel #24280A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24280A; -webkit-box-shadow:4px 4px  
4px 4px #24280A; box-shadow:4px 4px 4px  
4px #24280A }
```

Background

The CSS property to change the background color of an element to Hex 24280A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24280A }
```

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

```
.background{ background-color:#24280A }
```

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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