

Converting Colors

Hex(24120A)

Have a look what the booklet for
Hex(24120A) contains.

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Color

Hex(24120A)

Conversions

Conversions Part 1

Format	Color
Hex	24120A
RGB	36, 18, 10
RGB Percent	14%, 7%, 4%
CMY	0.8588, 0.9294, 0.9608
CMYK	0.00, 0.50, 0.72, 0.86
HSL	18°, 57%, 9%
HSV	18°, 72%, 14%
XYZ	0.9986, 0.8296, 0.3947
YIQ	22.4700, 13.2960, 1.3280

Conversions

Conversions Part 2

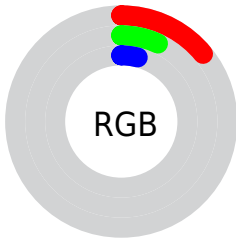
Format	Color
R_{YB}	36, 22, 10
Decimal	2363914
CIE _{Lab}	7.49, 8.25, 7.28
CIE _{LCh}	7, 10.997, 41.421
Yxy	0.8296, 0.4493, 0.3732
Android (android.graphics.Color)	4280553994 (0xFF24120A)
YUV	22.4700, -6.1477, 11.8658
Hunter-Lab	9.1082, 3.6318, 3.8067

Details

The Hex color **24120A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A1C24**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **513C36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **241006**, and if you desaturate by 10%, it is **24140E**.

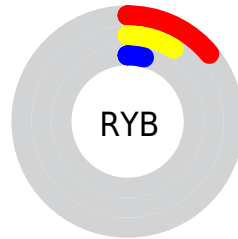
Distribution



Red (14%)

Green (7%)

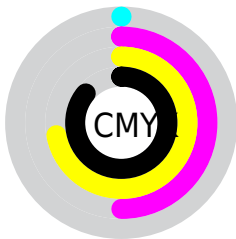
Blue (4%)



Red (14%)

Yellow (9%)

Blue (4%)

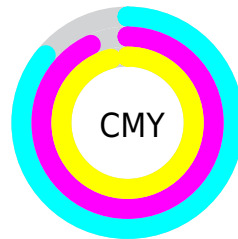


Cyan (0%)

Magenta (50%)

Yellow (72%)

Black (86%)



Cyan (86%)

Magenta (93%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24120A 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 24120A by changing the saturation by 10% instead.

■ 24120A

■ 24120A

■ FFF2EA

■ 000000

■ 513C36

■ 6A534D

■ 836C65

■ 9E857E

■ B99F98

■ D4BAB2

■ F1D6CE

■ 24120A

■ 24120A

■ 241006

■ 24140E

■ 240D03

■ 241711

■ 240B00

■ 241915

■ 241C18

■ 241E1C

■ 242120

■ 242323

■ 242627

■ 24282A

Harmonies

Analogous

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



251114



24120A



201402

Triad

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



24120A



041B11



101625

Complementary

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



24120A



0A1C24

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.



041924



24120A



001B19

Square

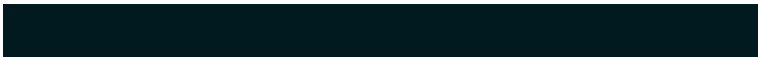
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24120A



111907



001A20



1B1421

Rectangle

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



24120A



1C1601



001A20



0C1725

Sweetspot

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



24120A



2E2724



240A1C



171311



969696



171717

Same Dimension

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



24120A



2E1206



241F0A



121110



521900



D14000

Inverse Universe

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



0A1C24



06222E



0A0F24



101112



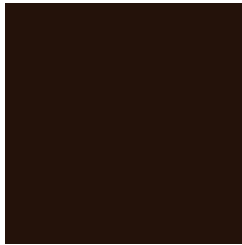
003852



0091D1

Previews

White Background



This preview shows how the Hex color 24120A 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

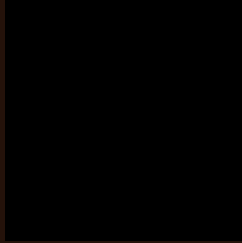
Any Text WCAG AA × Fail

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 24120A Background



This preview shows how black text looks on a background with the Hex color 24120A.



This preview shows how white text looks on a background with the Hex color 24120A.

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
24120A

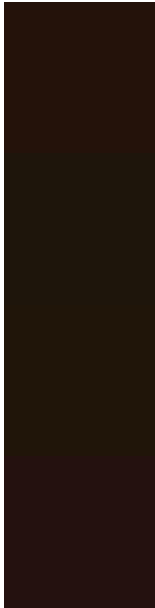
Protanopia
1A170C

Deuteranopia
1D1609



Tritanopia
241112

Trichromacy



Original Color
24120A

Protanomaly
1E150B

Deuteranomaly
201509

Tritanomaly
24110F

Monochromacy



Original Color
24120A

Achromatopsia
161616

Achromatomaly
1B1512

CSS Examples

Text

The CSS property to change the color of the text to Hex 24120A 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 #24120A looks like.

```
.text, #text, p{  
    color:#24120A  
}
```

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 #24120A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24120A
}
```

Border

The CSS property to change the border of an element to Hex 24120A is called "border". The border property can be set on classes, ids or directly on the HTML element.

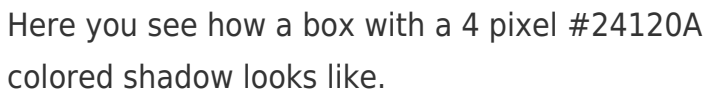
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24120A }
```

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

```
.border{ border-color:#24120A }
```

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



Here you see how a box with a 4 pixel #24120A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24120A; -webkit-box-shadow:4px 4px  
4px 4px #24120A; box-shadow:4px 4px 4px  
4px #24120A }
```

Background

The CSS property to change the background color of an element to Hex 24120A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24120A }
```

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

```
.background{ background-color:#24120A }
```

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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