

Converting Colors

Hex(24120E)

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

Hex(24120E)	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(24120E)

Conversions

Conversions Part 1

Format	Color
Hex	24120E
RGB	36, 18, 14
RGB Percent	14%, 7%, 5%
CMY	0.8588, 0.9294, 0.9451
CMYK	0.00, 0.50, 0.61, 0.86
HSL	11°, 44%, 10%
HSV	11°, 61%, 14%
XYZ	1.0231, 0.8394, 0.5236
YIQ	22.9260, 12.0120, 2.5720

Conversions

Conversions Part 2

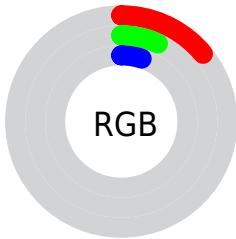
Format	Color
RYB	36, 19, 14
Decimal	2363918
CIELab	7.58, 8.75, 5.58
CIELCh	8, 10.382, 32.537
Yxy	0.8394, 0.4288, 0.3518
Android (android.graphics.Color)	4280553998 (0xFF24120E)
YUV	22.9260, -4.4005, 11.4659
Hunter-Lab	9.1618, 3.9005, 3.0251

Details

The Hex color **24120E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0E2024**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **513C39**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **240F0A**, and if you desaturate by 10%, it is **241512**.

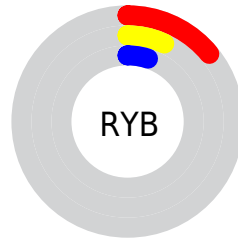
Distribution



Red (14%)

Green (7%)

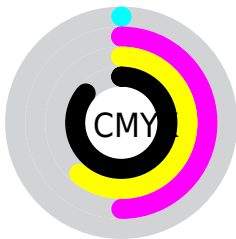
Blue (5%)



Red (14%)

Yellow (7%)

Blue (5%)

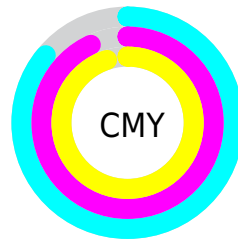


Cyan (0%)

Magenta (50%)

Yellow (61%)

Black (86%)



Cyan (86%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

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

■ 24120E

■ 24120E

■ FFF2EE

■ 000000

■ 513C39

■ 6A5350

■ 836C68

■ 9E8581

■ B99F9B

■ D4BAB6

■ F1D6D1

■ 24120E

■ 24120E

■ 240F0A

■ 241512

■ 240C07

■ 241815

■ 240903

■ 241B19

■ 240700

■ 241E1C

■ 242120

■ 242424

■ 242727

■ 242A2B

■ 242D2E

Harmonies

Analogous

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



241116



24120E



211405

Triad

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



24120E



091A0F



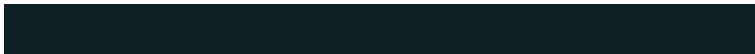
0E1724

Complementary

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



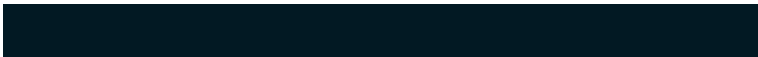
24120E



0E2024

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.



021923



24120E



001B17

Square

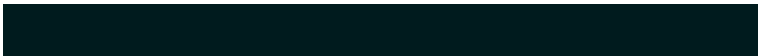
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24120E



141906



001B1E



181522

Rectangle

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



24120E



1E1603



001B1E



0A1824

Sweetspot

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



24120E



2E2726



240E20



171312



969696



171717

Same Dimension

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



24120E



2E120C



241D0E



121010



520F00



D12600

Inverse Universe

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



0E2024



0C282E



0E1524



101212



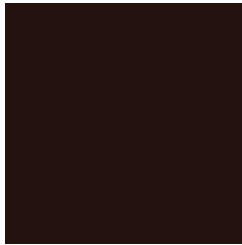
004352



00ABD1

Previews

White Background



This preview shows how the Hex color 24120E looks on a white background.

Color Contrast Check

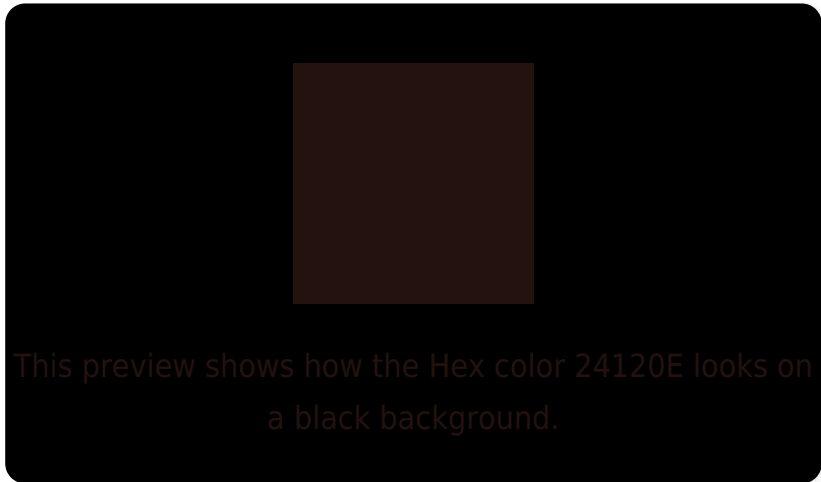
Large Text (above 18pt) WCAG AA ✓ Pass

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

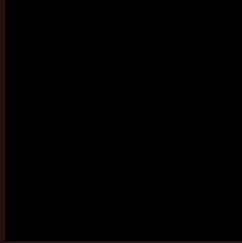
Any Text WCAG AA × Fail

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 24120E Background



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



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

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
24120E

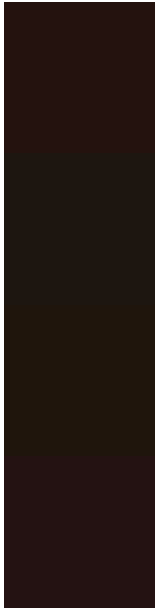
Protanopia
191710

Deuteranopia
1C160D



Tritanopia
241113

Trichromacy



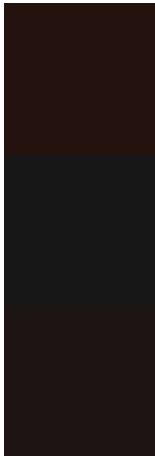
Original Color
24120E

Protanomaly
1D150F

Deuteranomaly
1F150D

Tritanomaly
241111

Monochromacy



Original Color
24120E

Achromatopsia
171717

Achromatomaly
1C1514

CSS Examples

Text

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

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

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 #24120E colored shadow looks like.

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

Border

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

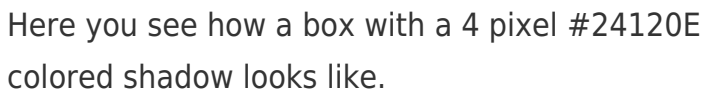
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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