

Converting Colors

Hex(3C1220)

Have a look what the booklet for
Hex(3C1220) contains.

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Color

Hex(3C1220)

Conversions

Conversions Part 1

Format	Color
Hex	3C1220
RGB	60, 18, 32
RGB Percent	24%, 7%, 13%
CMY	0.7647, 0.9294, 0.8745
CMYK	0.00, 0.70, 0.47, 0.76
HSL	340°, 54%, 15%
HSV	340°, 70%, 24%
XYZ	2.3405, 1.4976, 1.5322
YIQ	32.1540, 20.5380, 13.2580

Conversions

Conversions Part 2

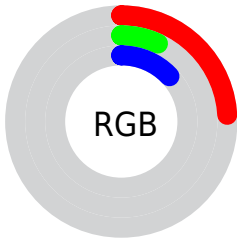
Format	Color
R_{YB}	60, 18, 32
Decimal	3936800
CIE Lab	12.59, 22.22, 1.01
CIE LCh	13, 22.245, 2.608
Yxy	1.4976, 0.4358, 0.2789
Android (android.graphics.Color)	4282126880 (0xFF3C1220)
YUV	32.1540, -0.0759, 24.4209
Hunter-Lab	12.2375, 12.7237, 1.1428

Details

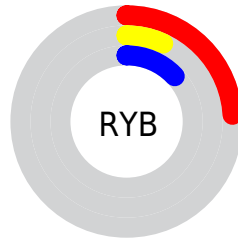
The Hex color **3C1220** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **123C2E**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **6E3F4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C0C1C**, and if you desaturate by 10%, it is **3C1824**.

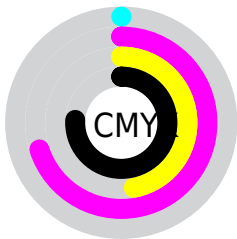
Distribution



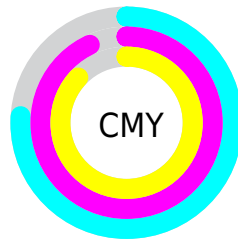
- Red (24%)
- Green (7%)
- Blue (13%)



- Red (24%)
- Yellow (7%)
- Blue (13%)



- Cyan (0%)
- Magenta (70%)
- Yellow (47%)
- Black (76%)



- Cyan (76%)
- Magenta (93%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C1220 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 3C1220 by changing the saturation by 10% instead.

 3C1220

 3C1220

 FFF7FF

 280008

 6E3F4C

 000000

 885764

 A36F7D

 BE8996

 DAA4B1

 F7BFCC

 FFD8E9

 3C1220

 3C1220

■ 3C0C1C

■ 3C1824

■ 3C0618

■ 3C1E28

■ 3C0014

■ 3C242C

■ 3C2A30

■ 3C3034

■ 3C3638

■ 3C3C3C

■ 3C4240

■ 3C4844

Harmonies

Analogous

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



34152F



3C1220



3B1510

Triad

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



3C1220



192400



00263C

Complementary

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



3C1220



123C2E

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.



002831



3C1220



012712

Square

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



3C1220



292000



002822



00223F

Rectangle

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



3C1220



371803



002822



002739

Sweetspot

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



3C1220



4F3E44



2E123C



291F22



A8A8A8



292929

Same Dimension

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



3C1220



4F0D23



3C1912



1F1C1D



5E001F



DE004A

Inverse Universe

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



3C1220



4F0D23



12353C



1F1C1D



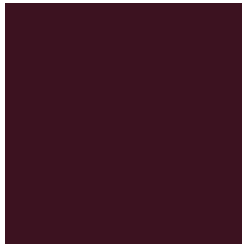
5E001F



DE004A

Previews

White Background



This preview shows how the Hex color 3C1220 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

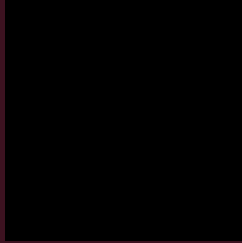
Any Text WCAG AA × Fail

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 3C1220 Background



This preview shows how black text looks on a background with the Hex color 3C1220.



This preview shows how white text looks on a background with the Hex color 3C1220.

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
3C1220

Protanopia
212229

Deuteranopia
27211E



Tritanopia
3B1416

Trichromacy



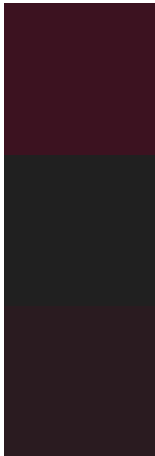
Original Color
3C1220

Protanomaly
2B1C26

Deuteranomaly
2F1C1F

Tritanomaly
3B131A

Monochromacy



Original Color
3C1220

Achromatopsia
202020

Achromatomaly
2A1B20

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C1220 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 #3C1220 looks like.

```
.text, #text, p{  
    color:#3C1220  
}
```

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 #3C1220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C1220
}
```

Border

The CSS property to change the border of an element to Hex 3C1220 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
#3C1220 }
```

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

```
.border{ border-color:#3C1220 }
```

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

Here you see how a box with a 4 pixel #3C1220 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C1220; -webkit-box-shadow:4px 4px  
4px 4px #3C1220; box-shadow:4px 4px 4px  
4px #3C1220 }
```

Background

The CSS property to change the background color of an element to Hex 3C1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C1220 }
```

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

```
.background{ background-color:#3C1220 }
```

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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