

Converting Colors

Hex(C3161A)

Have a look what the booklet for
Hex(C3161A) contains.

Hex(C3161A)	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(C3161A)

Conversions

Conversions Part 1

Format	Color
Hex	C3161A
RGB	195, 22, 26
RGB Percent	76%, 9%, 10%
CMY	0.2353, 0.9137, 0.8980
CMYK	0.00, 0.89, 0.87, 0.24
HSL	359°, 80%, 43%
HSV	359°, 89%, 76%
XYZ	22.9790, 12.2505, 2.1307
YIQ	74.1830, 101.8240, 37.9200

Conversions

Conversions Part 2

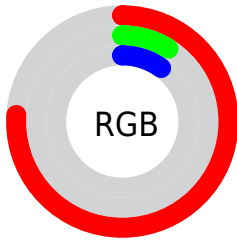
Format	Color
RYB	195, 22, 26
Decimal	12785178
CIELab	41.61, 63.16, 45.43
CIElCh	42, 77.802, 35.731
Yxy	12.2505, 0.6151, 0.3279
Android (android.graphics.Color)	4290975258 (0xFFC3161A)
YUV	74.1830, -23.7542, 105.9565
Hunter-Lab	35.0007, 55.9394, 20.8911

Details

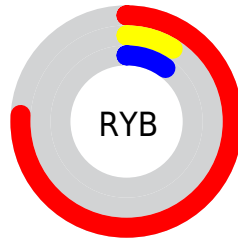
The Hex color **C3161A** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **16C3BF**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF5A48**, and **840000** is the 20% darker color. If you saturate the color by 10%, you get **C30307**, and if you desaturate by 10%, it is **C32A2D**.

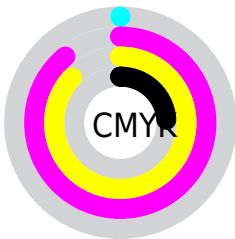
Distribution



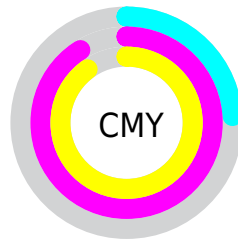
- Red (76%)
- Green (9%)
- Blue (10%)



- Red (76%)
- Yellow (9%)
- Blue (10%)



- Cyan (0%)
- Magenta (89%)
- Yellow (87%)
- Black (24%)



- Cyan (24%)
- Magenta (91%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3161A 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 C3161A by changing the saturation by 10% instead.

 C3161A

 C3161A

FFFFFF

 A30003

 FF5A48

 840000

 FF7760

 640000

 FF937A

 470003

 FFB094

 280001

 FFCDAF

 000000

 FFEBCA

 FFFF66

 C3161A

 C3161A

 C30307

 C32A2D

 C30005

 C33D40

 C35053

 C36466

 C37879

 C38B8C

 C39E9F

 C3B2B2

 C3C5C5

Harmonies

Analogous

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



CD0059



C3161A



A14A00

Triad

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



C3161A



007928



0068E4

Complementary

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



C3161A



16C3BF

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.



0077D8



C3161A



007C6D

Square

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



C3161A



207200



007CAC



6A49CC

Rectangle

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



C3161A



805D00



007CAC



006EE4

Sweetspot

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



C3161A



FCB8BA



BD16C3



805758



000000



808080

Same Dimension

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



C3161A



FC0006



C36716



615757



A10004



210001

Inverse Universe

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



C3161A



FC0006



1672C3



615757



A10004



210001

Previews

White Background



This preview shows how the Hex color C3161A looks on a white background.

Color Contrast Check

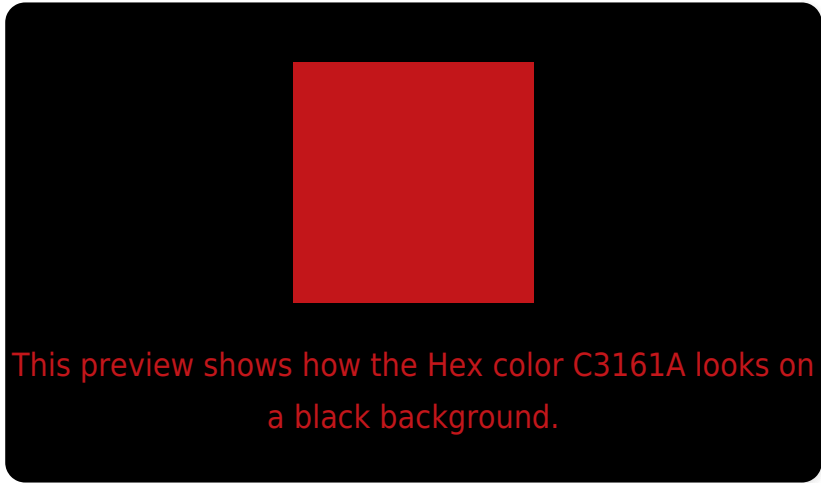
Large Text (above 18pt) WCAG AA ✓ Pass

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 C3161A Background



This preview shows how black text looks on a background with the Hex color C3161A.



This preview shows how white text looks on a background with the Hex color C3161A.

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
C3161A

Protanopia
6F642B

Deuteranopia
7E5F00



Tritanopia
C31712

Trichromacy



Original Color
C3161A

Protanomaly
8E4825

Deuteranomaly
974409

Tritanomaly
C31715

Monochromacy



Original Color
C3161A

Achromatopsia
4A4A4A

Achromatomaly
763739

CSS Examples

Text

The CSS property to change the color of the text to Hex C3161A 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 #C3161A looks like.

```
.text, #text, p{  
    color:#C3161A  
}
```

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 #C3161A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3161A
}
```

Border

The CSS property to change the border of an element to Hex C3161A 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".

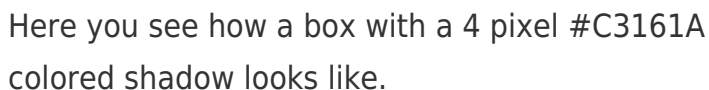
```
.border, #border, table{ border:4px solid
#C3161A }
```

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

```
.border{ border-color:#C3161A }
```

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

Here you see how a box with a 4 pixel #C3161A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3161A; -webkit-box-shadow:4px 4px  
4px 4px #C3161A; box-shadow:4px 4px 4px  
4px #C3161A }
```

Background

The CSS property to change the background color of an element to Hex C3161A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3161A }
```

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

```
.background{ background-color:#C3161A }
```

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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