

Converting Colors

Hex(A23C20)

Have a look what the booklet for
Hex(A23C20) contains.

Hex(A23C20)	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(A23C20)

Conversions

Conversions Part 1

Format	Color
Hex	A23C20
RGB	162, 60, 32
RGB Percent	64%, 24%, 13%
CMY	0.3647, 0.7647, 0.8745
CMYK	0.00, 0.63, 0.80, 0.36
HSL	13°, 67%, 38%
HSV	13°, 80%, 64%
XYZ	16.7769, 11.0174, 2.6088
YIQ	87.3060, 69.7800, 12.9160

Conversions

Conversions Part 2

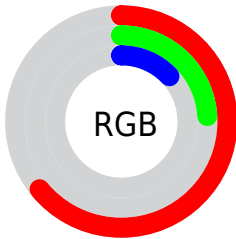
Format	Color
RYB	162, 68, 32
Decimal	10632224
CIELab	39.61, 40.78, 38.22
CIElCh	40, 55.890, 43.146
Yxy	11.0174, 0.5518, 0.3624
Android (android.graphics.Color)	4288822304 (0xFFA23C20)
YUV	87.3060, -27.2659, 65.5066
Hunter-Lab	33.1924, 32.1346, 18.5747

Details

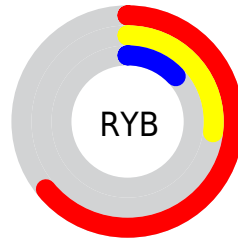
The Hex color **A23C20** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **2086A2**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **DF704E**, and **670100** is the 20% darker color. If you saturate the color by 10%, you get **A22F10**, and if you desaturate by 10%, it is **A24930**.

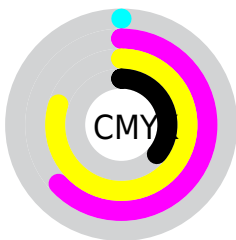
Distribution



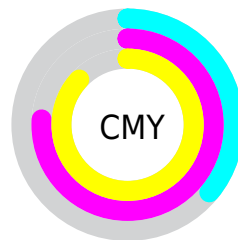
- Red (64%)
- Green (24%)
- Blue (13%)



- Red (64%)
- Yellow (27%)
- Blue (13%)



- Cyan (0%)
- Magenta (63%)
- Yellow (80%)
- Black (36%)



- Cyan (36%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color A23C20 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 A23C20 by changing the saturation by 10% instead.

 A23C20

 A23C20

FFFFFF

 842209

 DF704E

 670100

 FE8A67

 4A0000

 FFA580

 310002

 FFC19B

 000000

 FFDD66

 FFFAD1

 FFFFEE

 A23C20

 A23C20

 A22F10

 A24930

 A22300

 A25540

 A26251

 A26F61

 A27C71

 A28881

 A29591

 A2A2A2

 A2AEB2

Harmonies

Analogous

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



AD294B



A23C20



865200

Triad

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



A23C20



007041



005CB7

Complementary

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



A23C20



2086A2

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.



006AB5



A23C20



007271

Square

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



A23C20



286B10



00709B



7847A0

Rectangle

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



A23C20



6D5D00



00709B



0062B9

Sweetspot

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



A23C20



D4ACA1



A22088



6B534C



EBEBEB



6B6B6B

Same Dimension

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



A23C20



D43408



A27B20



524B49



911F00



120400

Inverse Universe

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



2086A2



08A8D4



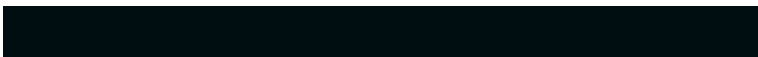
2047A2



495052



007291



000E12

Previews

White Background



This preview shows how the Hex color A23C20 looks on a white background.

Color Contrast Check

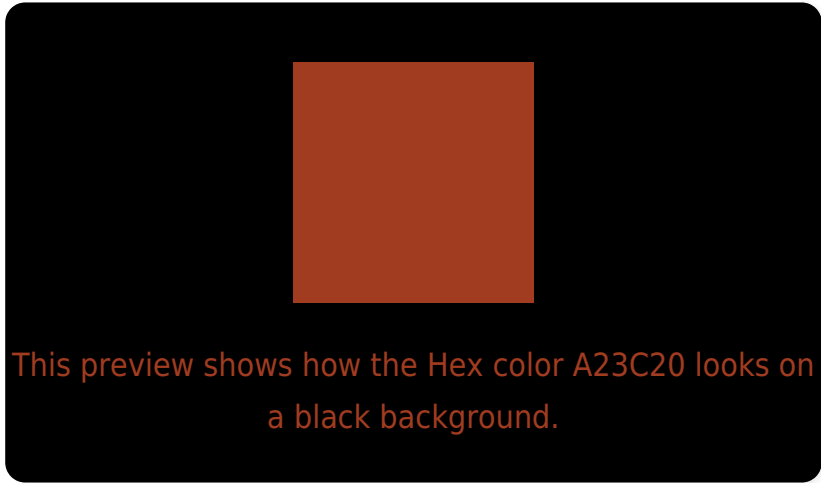
Large Text (above 18pt) WCAG AA ✓ Pass

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 A23C20 Background



This preview shows how black text looks on a background with the Hex color A23C20.



This preview shows how white text looks on a background with the Hex color A23C20.

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](#).

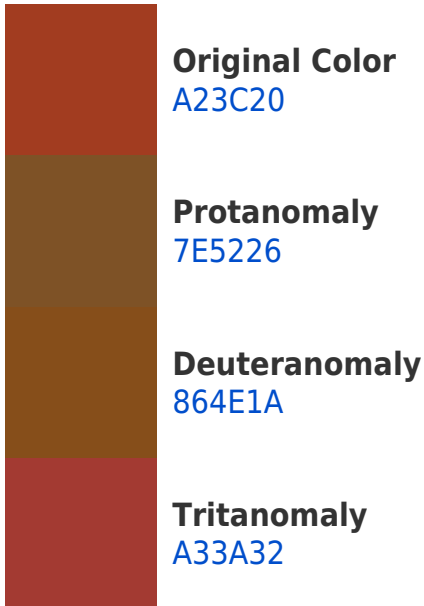
Dichromacy





Tritanopia
A3393C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A23C20 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 #A23C20 looks like.

```
.text, #text, p{  
    color:#A23C20  
}
```

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 #A23C20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A23C20  
}
```

Border

The CSS property to change the border of an element to Hex A23C20 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  
#A23C20 }
```

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

```
.border{ border-color:#A23C20 }
```

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

Here you see how a box with a 4 pixel #A23C20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A23C20; -webkit-box-shadow:4px 4px  
4px 4px #A23C20; box-shadow:4px 4px 4px  
4px #A23C20 }
```

Background

The CSS property to change the background color of an element to Hex A23C20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A23C20 }
```

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

```
.background{ background-color:#A23C20 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor