

Converting Colors

Hex(AD1E21)

Have a look what the booklet for
Hex(AD1E21) contains.

Hex(AD1E21)	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(AD1E21)

Conversions

Conversions Part 1

Format	Color
Hex	AD1E21
RGB	173, 30, 33
RGB Percent	68%, 12%, 13%
CMY	0.3216, 0.8824, 0.8706
CMYK	0.00, 0.83, 0.81, 0.32
HSL	359°, 70%, 40%
HSV	359°, 83%, 68%
XYZ	17.9724, 9.9226, 2.4068
YIQ	73.0990, 84.2650, 31.2490

Conversions

Conversions Part 2

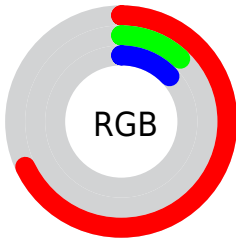
Format	Color
R_{YB}	173, 30, 33
Decimal	11345441
CIE Lab	37.70, 55.51, 36.46
CIE LCh	38, 66.411, 33.301
Yxy	9.9226, 0.5931, 0.3275
Android (android.graphics.Color)	4289535521 (0xFFAD1E21)
YUV	73.0990, -19.7688, 87.6132
Hunter-Lab	31.5001, 46.7177, 17.5199

Details

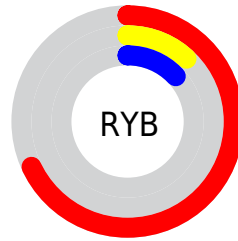
The Hex color **AD1E21** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1EADAA**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **EC5A4E**, and **700000** is the 20% darker color. If you saturate the color by 10%, you get **AD0D10**, and if you desaturate by 10%, it is **AD2F32**.

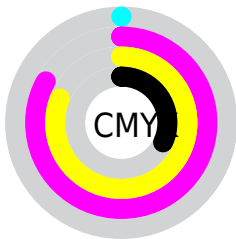
Distribution



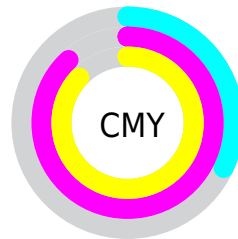
- Red (68%)
- Green (12%)
- Blue (13%)



- Red (68%)
- Yellow (12%)
- Blue (13%)



- Cyan (0%)
- Magenta (83%)
- Yellow (81%)
- Black (32%)



- Cyan (32%)
- Magenta (88%)
- Yellow (87%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AD1E21 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 AD1E21 by changing the saturation by 10% instead.

 AD1E21

 AD1E21

FFFFFF

 8E000C

 EC5A4E

 700000

 FF7667

 520000

 FF9280

 360002

 FFAE9A

 070000

 FFCAB5

 000000

 FFE7D1

 FFFFED

 AD1E21

 AD1E21

 AD0D10

 AD2F32

 AD0004

 AD4143

 AD5254

 AD6365

 AD7576

 AD8687

 AD9798

 ADA8A8

 ADBAB9

Harmonies

Analogous

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



B30055



AD1E21



914200

Triad

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



AD1E21



006C24



005EC6

Complementary

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



AD1E21



1EADAA

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.



006AB9



AD1E21



006F5D

Square

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



AD1E21



2E6600



006F93



5947B4

Rectangle

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



AD1E21



775200



006F93



0064C5

Sweetspot

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



AD1E21



E0A8A9



A81EAD



704F4F



F0F0F0



707070

Same Dimension

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



AD1E21



E00207



AD611E



574E4E



960003



170000

Inverse Universe

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



AD1E21



E00207



1E6AAD



574E4E



960003



170000

Previews

White Background



This preview shows how the Hex color AD1E21 looks on a white background.

Color Contrast Check

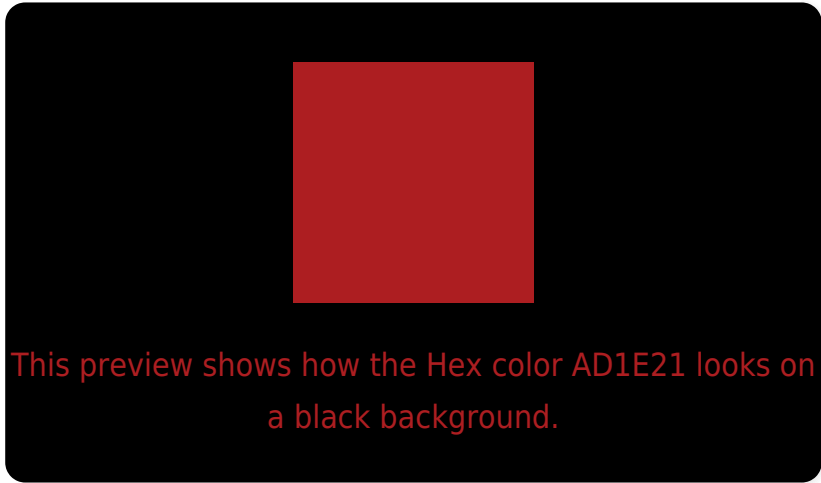
Large Text (above 18pt) WCAG AA ✓ Pass

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 AD1E21 Background



This preview shows how black text looks on a background with the Hex color AD1E21.



This preview shows how white text looks on a background with the Hex color AD1E21.

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
AD1E21

Protanopia
635A31

Deuteranopia
725614

Trichromacy



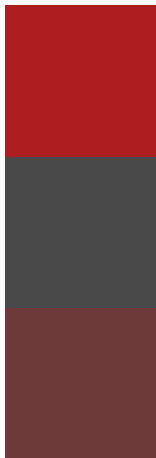
Original Color
AD1E21

Protanomaly
7E442B

Deuteranomaly
874219

Tritanomaly
AD1F1F

Monochromacy



Original Color
AD1E21

Achromatopsia
494949

Achromatomaly
6D393A

CSS Examples

Text

The CSS property to change the color of the text to Hex AD1E21 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 #AD1E21 looks like.

```
.text, #text, p{  
    color:#AD1E21  
}
```

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 #AD1E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD1E21  
}
```

Border

The CSS property to change the border of an element to Hex AD1E21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

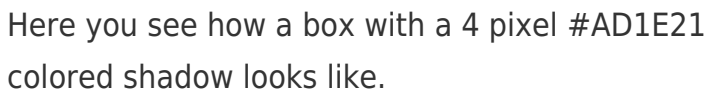
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AD1E21 }
```

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

```
.border{ border-color:#AD1E21 }
```

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



Here you see how a box with a 4 pixel #AD1E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD1E21; -webkit-box-shadow:4px 4px  
4px 4px #AD1E21; box-shadow:4px 4px 4px  
4px #AD1E21 }
```

Background

The CSS property to change the background color of an element to Hex AD1E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD1E21 }
```

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

```
.background{ background-color:#AD1E21 }
```

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