

Converting Colors

Hex(A12307)

Have a look what the booklet for
Hex(A12307) contains.

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Color

Hex(A12307)

Conversions

Conversions Part 1

Format	Color
Hex	A12307
RGB	161, 35, 7
RGB Percent	63%, 14%, 3%
CMY	0.3686, 0.8627, 0.9725
CMYK	0.00, 0.78, 0.96, 0.37
HSL	11°, 92%, 33%
HSV	11°, 96%, 63%
XYZ	15.3373, 8.7945, 1.0901
YIQ	69.4820, 84.0840, 18.0040

Conversions

Conversions Part 2

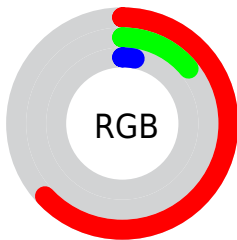
Format	Color
RYB	161, 41, 7
Decimal	10560263
CIELab	35.59, 49.86, 45.83
CIELCh	36, 67.726, 42.591
Yxy	8.7945, 0.6081, 0.3487
Android (android.graphics.Color)	4288750343 (0xFFA12307)
YUV	69.4820, -30.8036, 80.2613
Hunter-Lab	29.6555, 40.4202, 18.5793

Details

The Hex color **A12307** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0785A1**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **DF5B37**, and **640000** is the 20% darker color. If you saturate the color by 10%, you get **A11D00**, and if you desaturate by 10%, it is **A13017**.

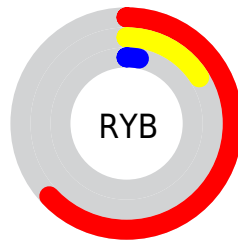
Distribution



Red (63%)

Green (14%)

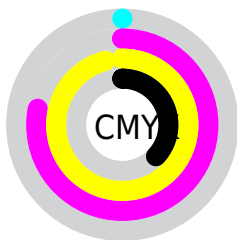
Blue (3%)



Red (63%)

Yellow (16%)

Blue (3%)

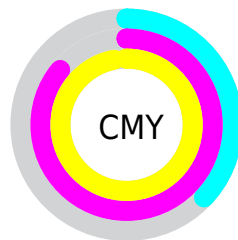


Cyan (0%)

Magenta (78%)

Yellow (96%)

Black (37%)



Cyan (37%)

Magenta (86%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color A12307 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 A12307 by changing the saturation by 10% instead.

 A12307

 A12307

 FFFFFFF0

 830000

 DF5B37

 640000

 FF764F

 470000

 FF9168

 2B0001

 FFAD82

 000000

 FFC99C

 FFE6B8

 FFFFD4

 A12307

 A12307

■ A11D00

■ A13017

■ A13D27

■ A14B37

■ A15847

■ A16557

■ A17268

■ A17F78

■ A18C88

■ A19A98

Harmonies

Analogous

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



AF0040



A12307



804500

Triad

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



A12307



006831



0054BF

Complementary

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



A12307



0785A1

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.



0063BD



A12307



006A6A

Square

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



A12307



006300



00699D



6F37A5

Rectangle

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



A12307



635300



00699D



005AC2

Sweetspot

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



A12307



D19F94



A10787



694B44



E8E8E8



696969

Same Dimension

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



A12307



D12600



A16E07



524B49



911A00



120300

Inverse Universe

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



0785A1



00ABD1



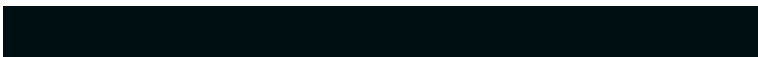
073AA1



495052



007791



000F12

Previews

White Background



This preview shows how the Hex color A12307 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

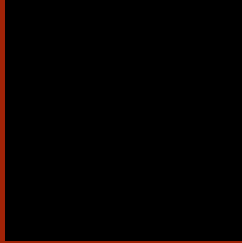
Any Text WCAG AA × Fail

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 A12307 Background



This preview shows how black text looks on a background with the Hex color A12307.



This preview shows how white text looks on a background with the Hex color A12307.

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
A12307

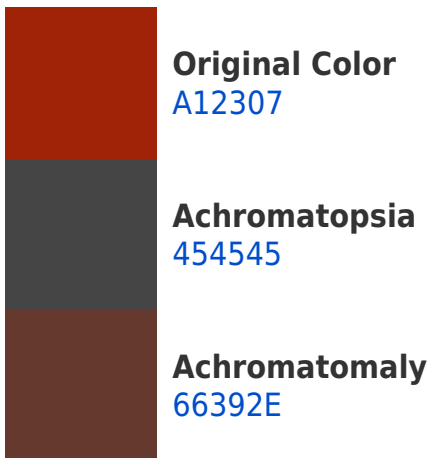
Protanopia
605515

Deuteranopia
6B5100

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A12307 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 #A12307 looks like.

```
.text, #text, p{  
    color:#A12307  
}
```

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 #A12307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A12307
}
```

Border

The CSS property to change the border of an element to Hex A12307 is called "border". The border property can be set on classes, ids or directly on the HTML element.

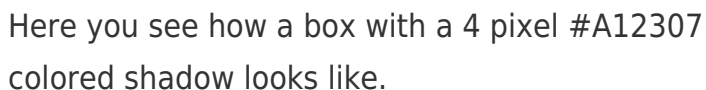
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A12307 }
```

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

```
.border{ border-color:#A12307 }
```

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



Here you see how a box with a 4 pixel #A12307 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A12307; -webkit-box-shadow:4px 4px  
4px 4px #A12307; box-shadow:4px 4px 4px  
4px #A12307 }
```

Background

The CSS property to change the background color of an element to Hex A12307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A12307 }
```

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

```
.background{ background-color:#A12307 }
```

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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