

# Converting Colors

Hex(A30414)

Have a look what the booklet for  
Hex(A30414) contains.

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**Color**

**Hex(A30414)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A30414
RGB	163, 4, 20
RGB Percent	64%, 2%, 8%
CMY	0.3608, 0.9843, 0.9216
CMYK	0.00, 0.98, 0.88, 0.36
HSL	354°, 95%, 33%
HSV	354°, 98%, 64%
XYZ	15.2739, 7.9239, 1.3863
YIQ	53.3650, 89.6280, 38.6840

# Conversions

## Conversions Part 2

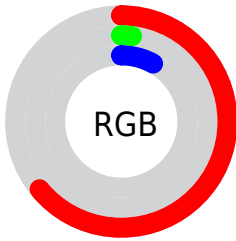
Format	Color
<b>RYB</b>	163, 4, 20
Decimal	10683412
CIELab	33.82, 57.08, 39.20
CIELCh	34, 69.244, 34.482
Yxy	7.9239, 0.6213, 0.3223
Android (android.graphics.Color)	4288873492 (0xFFA30414)
YUV	53.3650, -16.4489, 96.1499
Hunter-Lab	28.1494, 47.5933, 16.7847

# Details

The Hex color **A30414** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **04A393**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **E24D40**, and **650000** is the 20% darker color. If you saturate the color by 10%, you get **A30010**, and if you desaturate by 10%, it is **A31423**.

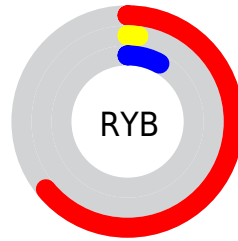
# Distribution



Red (64%)

Green (2%)

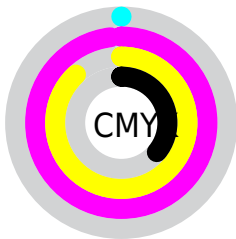
Blue (8%)



Red (64%)

Yellow (2%)

Blue (8%)

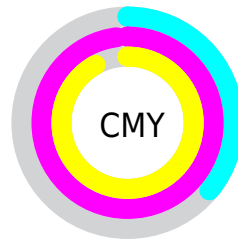


Cyan (0%)

Magenta (98%)

Yellow (88%)

Black (36%)



Cyan (36%)

Magenta (98%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A30414 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 A30414 by changing the saturation by 10% instead.



 A30414

 A30414

 FFFFF9

 840000

 E24D40

 650000

 FF6958

 480001

 FF8571

 2B0001

 FFA18B

 000000

 FFBDA5

 FFDAC0

 FFF8DC

 A30414

 A30414

 A30010

 A31423

 A32531

 A33540

 A3454F

 A3555D

 A3666C

 A3767B

 A38689

 A39798

# Harmonies

## Analogous

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



AB004A



A30414



863900

# Triad

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



A30414



00631B



0055BF

# Complementary

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



A30414



04A393

# 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.



0061B4



A30414



006557

# Square

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



A30414



1B5D00



00658D



523CAC

# Rectangle

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



A30414



6B4A00



00658D



005ABF



# Sweetspot

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



A30414



D4969C



9004A3



6B4649



EBEBEB



6B6B6B



# Same Dimension

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



A30414



D40015



A34104



52494A



91000F



120002



# Inverse Universe

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



A30414



D40015



0466A3



52494A



91000F



120002



# Previews

## White Background



This preview shows how the Hex color A30414 looks on a white background.

## Color Contrast Check

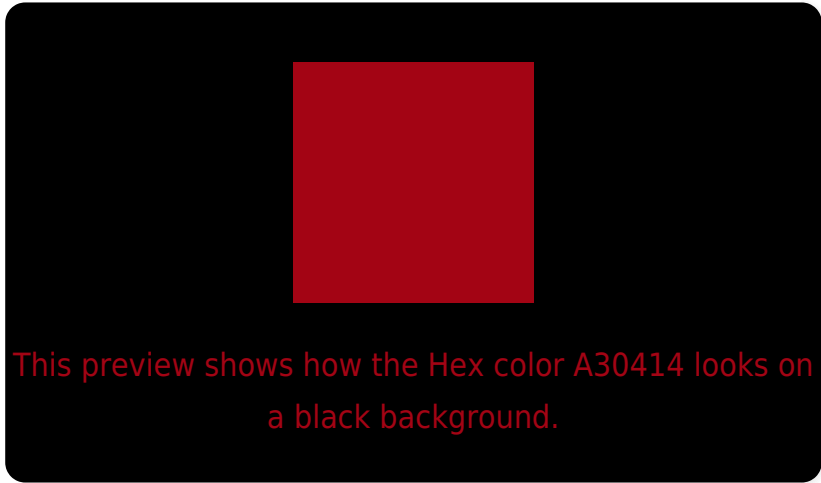
Large Text (above 18pt) WCAG AA ✓ Pass

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 A30414 Background



This preview shows how black text looks on a background with the Hex color A30414.



This preview shows how white text looks on a background with the Hex color A30414.

# 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**  
A30414

**Protanopia**  
5C5323

**Deuteranopia**  
684E00



**Tritanopia**  
A20F00

# Trichromacy



**Original Color**  
A30414

**Protanomaly**  
76361E

**Deuteranomaly**  
7D3307

**Tritanomaly**  
A20B07

# Monochromacy



**Original Color**  
A30414

**Achromatopsia**  
353535

**Achromatomaly**  
5D2329

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A30414 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 #A30414 looks like.

```
.text, #text, p{  
    color:#A30414  
}
```

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 #A30414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A30414
}
```

## Border

The CSS property to change the border of an element to Hex A30414 is called "border". The border property can be set on classes, ids or directly on the HTML element.

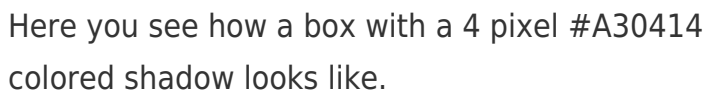
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A30414 }
```

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

```
.border{ border-color:#A30414 }
```

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



Here you see how a box with a 4 pixel #A30414 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A30414; -webkit-box-shadow:4px 4px  
4px 4px #A30414; box-shadow:4px 4px 4px  
4px #A30414 }
```

# Background

The CSS property to change the background color of an element to Hex A30414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A30414 }
```

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

```
.background{ background-color:#A30414 }
```

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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