

Converting Colors

Hex(A12436)

Have a look what the booklet for
Hex(A12436) contains.

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Color

Hex(A12436)

Conversions

Conversions Part 1

Format	Color
Hex	A12436
RGB	161, 36, 54
RGB Percent	63%, 14%, 21%
CMY	0.3686, 0.8588, 0.7882
CMYK	0.00, 0.78, 0.66, 0.37
HSL	351°, 63%, 39%
HSV	351°, 78%, 63%
XYZ	15.9947, 9.1052, 4.4045
YIQ	75.4270, 68.7220, 32.0980

Conversions

Conversions Part 2

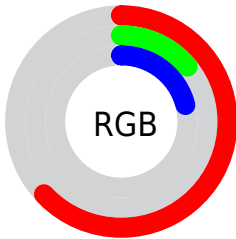
Format	Color
RYB	161, 36, 54
Decimal	10560566
CIELab	36.19, 51.11, 21.32
CIELCh	36, 55.376, 22.645
Yxy	9.1052, 0.5421, 0.3086
Android (android.graphics.Color)	4288750646 (0xFFA12436)
YUV	75.4270, -10.5635, 75.0475
Hunter-Lab	30.1748, 41.8113, 12.4680

Details

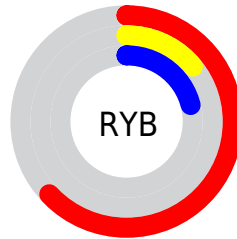
The Hex color **A12436** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **24A18F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **DD5C65**, and **66000B** is the 20% darker color. If you saturate the color by 10%, you get **A11428**, and if you desaturate by 10%, it is **A13444**.

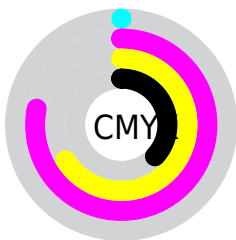
Distribution



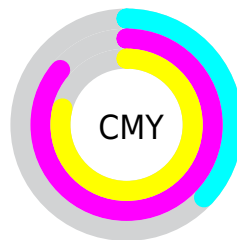
- Red (63%)
- Green (14%)
- Blue (21%)



- Red (63%)
- Yellow (14%)
- Blue (21%)



- Cyan (0%)
- Magenta (78%)
- Yellow (66%)
- Black (37%)



- Cyan (37%)
- Magenta (86%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color A12436 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 A12436 by changing the saturation by 10% instead.

 A12436

 A12436

FFFFFF

 830021

 DD5C65

 66000B

 FC787D

 490000

 FF9397

 2E0002

 FFAFB2

 000000

 FFCBCD

 FFE8EA

 A12436

 A12436

 A11428

 A13444

 A1041A

 A14452

 A10017

 A1545F

 A1646D

 A1757B

 A18589

 A19596

 A1A5A4

 A1B5B2

Harmonies

Analogous

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



9D2062



A12436



903B09

Triad

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



A12436



006419



005EAE

Complementary

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



A12436



24A18F

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.



00669C



A12436



006848

Square

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



A12436



485D00



006976



364EA8

Rectangle

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



A12436



7D4900



006976



0061AA

Sweetspot

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



A12436



D1A1A8



8E24A1



694B4F



E8E8E8



696969

Same Dimension

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



A12436



D10F2B



A15024



52494B



910015



120003

Inverse Universe

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



A12436



D10F2B



2475A1



52494B



910015



120003

Previews

White Background



This preview shows how the Hex color A12436 looks on a white background.

Color Contrast Check

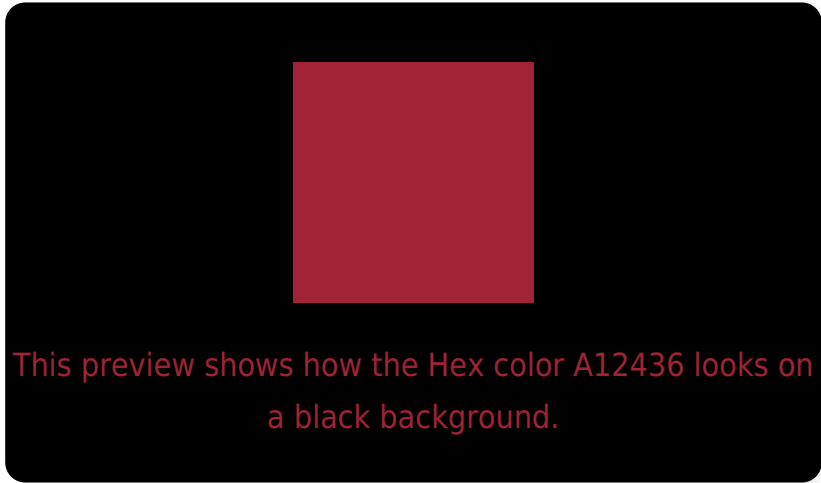
Large Text (above 18pt) WCAG AA ✓ Pass

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 A12436 Background



This preview shows how black text looks on a background with the Hex color A12436.

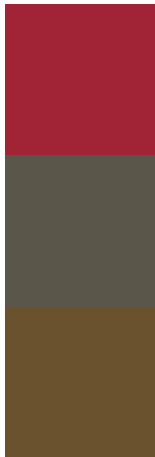


This preview shows how white text looks on a background with the Hex color A12436.

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
A12436

Protanopia
5B564A

Deuteranopia
6A522F

Trichromacy



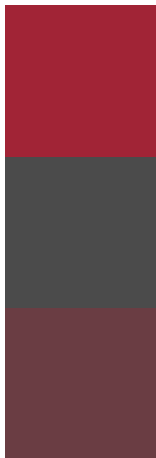
Original Color
A12436

Protanomaly
744443

Deuteranomaly
7E4132

Tritanomaly
A0262D

Monochromacy



Original Color
A12436

Achromatopsia
4B4B4B

Achromatomaly
6A3D43

CSS Examples

Text

The CSS property to change the color of the text to Hex A12436 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 #A12436 looks like.

```
.text, #text, p{  
    color:#A12436  
}
```

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 #A12436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A12436
}
```

Border

The CSS property to change the border of an element to Hex A12436 is called "border". The border property can be set on classes, ids or directly on the HTML element.

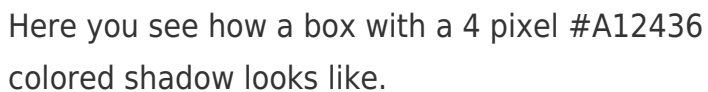
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A12436 }
```

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

```
.border{ border-color:#A12436 }
```

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



Here you see how a box with a 4 pixel #A12436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A12436; -webkit-box-shadow:4px 4px  
4px 4px #A12436; box-shadow:4px 4px 4px  
4px #A12436 }
```

Background

The CSS property to change the background color of an element to Hex A12436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A12436 }
```

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

```
.background{ background-color:#A12436 }
```

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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