

Converting Colors

Hex(AF2456)

Have a look what the booklet for
Hex(AF2456) contains.

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Color

Hex(AF2456)

Conversions

Conversions Part 1

Format	Color
Hex	AF2456
RGB	175, 36, 86
RGB Percent	69%, 14%, 34%
CMY	0.3137, 0.8588, 0.6627
CMYK	0.00, 0.79, 0.51, 0.31
HSL	338°, 66%, 41%
HSV	338°, 79%, 69%
XYZ	19.9898, 11.0476, 9.8829
YIQ	83.2610, 66.7940, 45.0180

Conversions

Conversions Part 2

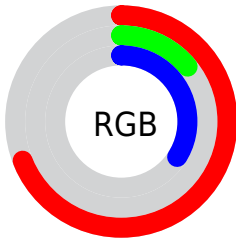
Format	Color
R_{YB}	175, 36, 86
Decimal	11478102
CIE Lab	39.66, 57.43, 6.08
CIE LCh	40, 57.750, 6.048
Yxy	11.0476, 0.4885, 0.2700
Android (android.graphics.Color)	4289668182 (0xFFAF2456)
YUV	83.2610, 1.3503, 80.4551
Hunter-Lab	33.2379, 49.1862, 5.6373

Details

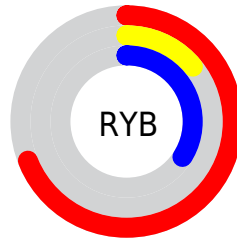
The Hex color **AF2456** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **24AF7D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **EB5F87**, and **740029** is the 20% darker color. If you saturate the color by 10%, you get **AF124B**, and if you desaturate by 10%, it is **AF3661**.

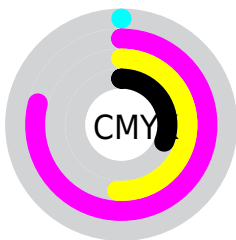
Distribution



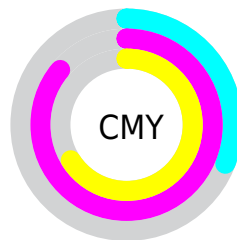
- Red (69%)
- Green (14%)
- Blue (34%)



- Red (69%)
- Yellow (14%)
- Blue (34%)



- Cyan (0%)
- Magenta (79%)
- Yellow (51%)
- Black (31%)



- Cyan (31%)
- Magenta (86%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF2456 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 AF2456 by changing the saturation by 10% instead.

 AF2456

 AF2456

FFFFFF

 91003F

 EB5F87

 740029

 FF7BA2

 580015

 FF97BD

 3E0003

 FFB4D8

 1A0001

 FFD0F5

 000000

 FFEEFF

 AF2456

 AF2456

 AF124B

 AF3661

 AF0140

 AF476C

 AF003F

 AF5978

 AF6A83

 AF7C8E

 AF8D99

 AF9FA4

 AFB0B0

 AFC2BB

Harmonies

Analogous

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



9C3285



AF2456



A83528

Triad

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



AF2456



366A00



006CB4

Complementary

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



AF2456



24AF7D

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.



007194



AF2456



007035

Square

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



AF2456



695F00



007266



0060BC

Rectangle

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



AF2456



994507



007266



006FAB

Sweetspot

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



AF2456



E3ACC0



7C24AF



73515D



F2F2F2



737373

Same Dimension

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



AF2456



E30B59



AF3724



574E51



960036



170008

Inverse Universe

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



AF2456



E30B59



249CAF



574E51



960036



170008

Previews

White Background



This preview shows how the Hex color AF2456 looks on a white background.

Color Contrast Check

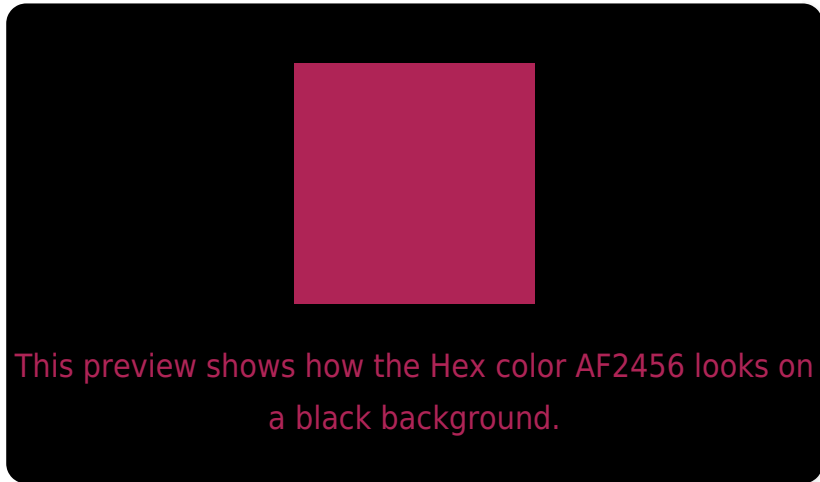
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF2456 Background



This preview shows how black text looks on a background with the Hex color AF2456.



This preview shows how white text looks on a background with the Hex color AF2456.

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

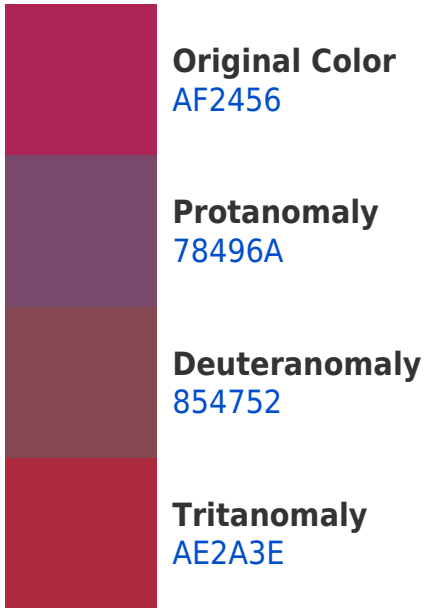


Original Color
AF2456

Protanopia
595E75

Deuteranopia
6D5B4F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF2456 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 #AF2456 looks like.

```
.text, #text, p{  
    color:#AF2456  
}
```

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 #AF2456 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF2456
}
```

Border

The CSS property to change the border of an element to Hex AF2456 is called "border". The border property can be set on classes, ids or directly on the HTML element.

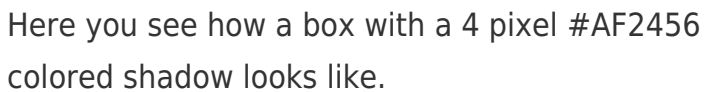
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF2456 }
```

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

```
.border{ border-color:#AF2456 }
```

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



Here you see how a box with a 4 pixel #AF2456 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF2456; -webkit-box-shadow:4px 4px  
4px 4px #AF2456; box-shadow:4px 4px 4px  
4px #AF2456 }
```

Background

The CSS property to change the background color of an element to Hex AF2456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF2456 }
```

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

```
.background{ background-color:#AF2456 }
```

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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