

Converting Colors

Hex(12334A)

Have a look what the booklet for
Hex(12334A) contains.

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Color

Hex(12334A)

Conversions

Conversions Part 1

Format	Color
Hex	12334A
RGB	18, 51, 74
RGB Percent	7%, 20%, 29%
CMY	0.9294, 0.8000, 0.7098
CMYK	0.76, 0.31, 0.00, 0.71
HSL	205°, 61%, 18%
HSV	205°, 76%, 29%
XYZ	2.6693, 2.9907, 6.9151
YIQ	43.7550, -27.0510, 0.1570

Conversions

Conversions Part 2

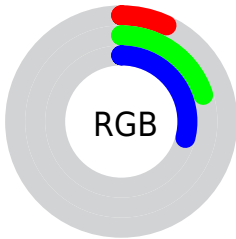
Format	Color
R_{YB}	18, 39, 74
Decimal	1192778
CIE Lab	20.01, -3.22, -17.72
CIE LCh	20, 18.005, 259.701
Yxy	2.9907, 0.2123, 0.2378
Android (android.graphics.Color)	4279382858 (0xFF12334A)
YUV	43.7550, 14.9108, -22.5871
Hunter-Lab	17.2935, -2.7117, -11.6027

Details

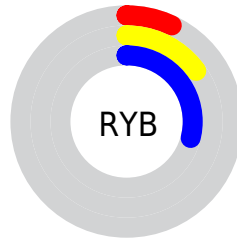
The Hex color **12334A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A2912**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **45617B**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **0B304A**, and if you desaturate by 10%, it is **19364A**.

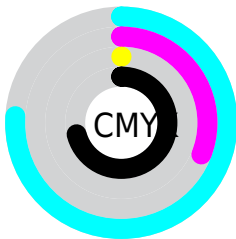
Distribution



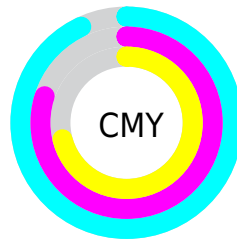
- Red (7%)
- Green (20%)
- Blue (29%)



- Red (7%)
- Yellow (15%)
- Blue (29%)



- Cyan (76%)
- Magenta (31%)
- Yellow (0%)
- Black (71%)



- Cyan (93%)
- Magenta (80%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12334A 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 12334A by changing the saturation by 10% instead.

■ 12334A

■ 12334A

FFFFFF

■ 001E33

■ 45617B

■ 00021F

■ 5E7A95

■ 000001

■ 7794AF

■ 000000

■ 92AECB

■ ADCAE7

■ C9E6FF

■ E5FFFF

■ 12334A

■ 12334A

■ 0B304A

■ 19364A

■ 032D4A

■ 21394A

■ 002C4A

■ 283C4A

■ 303F4A

■ 37424A

■ 3E454A

■ 46484A

■ 4D4B4A

■ 554E4A

Harmonies

Analogous

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



003644



12334A



2B2F49

Triad

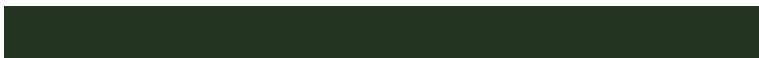
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12334A



4A2628



21351F

Complementary

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



12334A



4A2912

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.



303217



12334A



46291D

Square

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



12334A



472635



3D2E16



0E372B

Rectangle

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



12334A



372B45



3D2E16



26341C

Sweetspot

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



12334A



4B5861



124A28



232B30



B0B0B0



303030

Same Dimension

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



12334A



093D61



12184A



222526



003C66



0087E6

Inverse Universe

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



4A1233



61093D



4A4412



262225



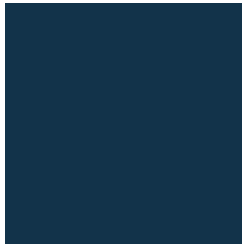
66003C



E60087

Previews

White Background



This preview shows how the Hex color 12334A looks on a white background.

Color Contrast Check

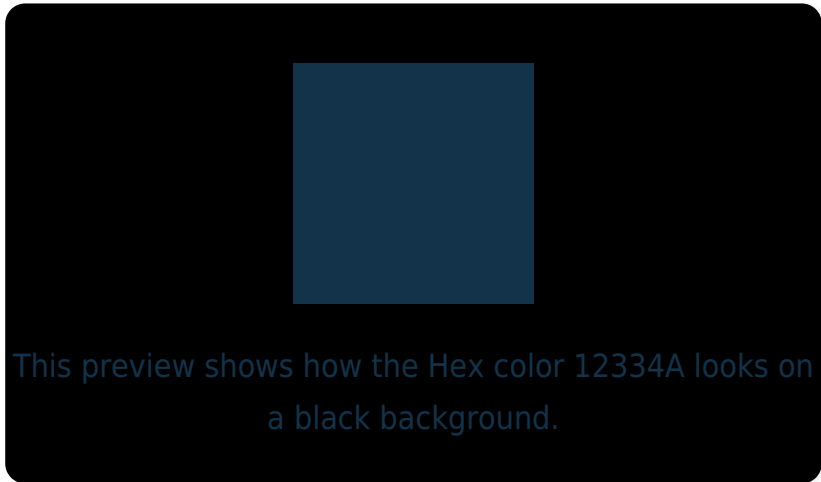
Large Text (above 18pt) WCAG AA ✓ Pass

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

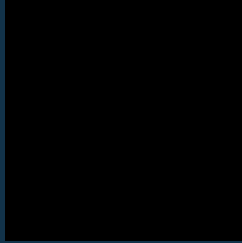
Any Text WCAG AA × Fail

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 12334A Background



This preview shows how black text looks on a background with the Hex color 12334A.



This preview shows how white text looks on a background with the Hex color 12334A.

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
12334A

Protanopia
293047

Deuteranopia
23304B



Tritanopia
00363A

Trichromacy



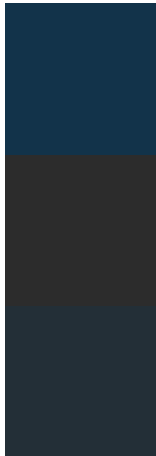
Original Color
12334A

Protanomaly
213148

Deuteranomaly
1D314B

Tritanomaly
073540

Monochromacy



Original Color
12334A

Achromatopsia
2C2C2C

Achromatomaly
232F37

CSS Examples

Text

The CSS property to change the color of the text to Hex 12334A 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 #12334A looks like.

```
.text, #text, p{  
    color:#12334A  
}
```

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 #12334A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12334A
}
```

Border

The CSS property to change the border of an element to Hex 12334A 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
#12334A }
```

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

```
.border{ border-color:#12334A }
```

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

Here you see how a box with a 4 pixel #12334A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12334A; -webkit-box-shadow:4px 4px  
4px 4px #12334A; box-shadow:4px 4px 4px  
4px #12334A }
```

Background

The CSS property to change the background color of an element to Hex 12334A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12334A }
```

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

```
.background{ background-color:#12334A }
```

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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