

Converting Colors

Hex(17254A)

Have a look what the booklet for
Hex(17254A) contains.

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Color

Hex(17254A)

Conversions

Conversions Part 1

Format	Color
Hex	17254A
RGB	23, 37, 74
RGB Percent	9%, 15%, 29%
CMY	0.9098, 0.8549, 0.7098
CMYK	0.69, 0.50, 0.00, 0.71
HSL	224°, 53%, 19%
HSV	224°, 69%, 29%
XYZ	2.2509, 1.9997, 6.7459
YIQ	37.0320, -20.2210, 8.5390

Conversions

Conversions Part 2

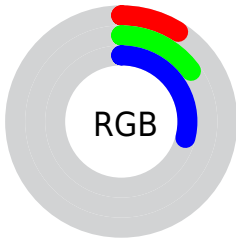
Format	Color
R_YB	23, 34, 74
Decimal	1516874
CIE Lab	15.49, 7.87, -24.85
CIE LCh	15, 26.070, 287.575
Yxy	1.9997, 0.2047, 0.1818
Android (android.graphics.Color)	4279706954 (0xFF17254A)
YUV	37.0320, 18.2252, -12.3061
Hunter-Lab	14.1411, 3.6663, -18.3851

Details

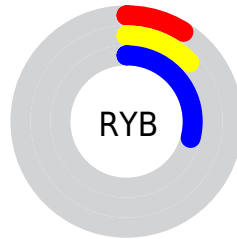
The Hex color **17254A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4A3C17**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **48517B**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **10204A**, and if you desaturate by 10%, it is **1E2A4A**.

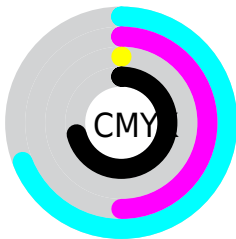
Distribution



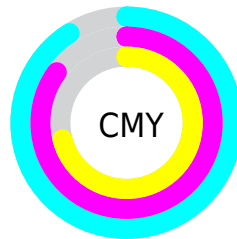
- Red (9%)
- Green (15%)
- Blue (29%)



- Red (9%)
- Yellow (13%)
- Blue (29%)



- Cyan (69%)
- Magenta (50%)
- Yellow (0%)
- Black (71%)



- Cyan (91%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17254A 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 17254A by changing the saturation by 10% instead.

■ 17254A

■ 17254A

FFFFFF

■ 001033

■ 48517B

■ 00021E

■ 616995

■ 000000

■ 7B82B0

■ 959CCB

■ B0B7E8

■ CCD3FF

■ E9EFFF

■ 17254A

■ 17254A

■ 10204A

■ 1E2A4A

■ 081A4A

■ 26304A

■ 01154A

■ 2D354A

■ 00144A

■ 353A4A

■ 3C404A

■ 43454A

■ 4B4B4A

■ 52504A

■ 5A554A

Harmonies

Analogous

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



002B4B



17254A



351D40

Triad

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



17254A



431B0A



002F1E

Complementary

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



17254A



4A3C17

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.



102D0B



17254A



372300

Square

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



17254A



48151D



272900



002F31

Rectangle

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



17254A



401835



272900



002E18

Sweetspot

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



17254A



4D5261



174A3C



242830



B0B0B0



303030

Same Dimension

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



17254A



102761



22174A



222326



001C66



003FE6

Inverse Universe

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



4A1725



611027



3F4A17



262223



66001C



E6003F

Previews

White Background



This preview shows how the Hex color 17254A looks on a white background.

Color Contrast Check

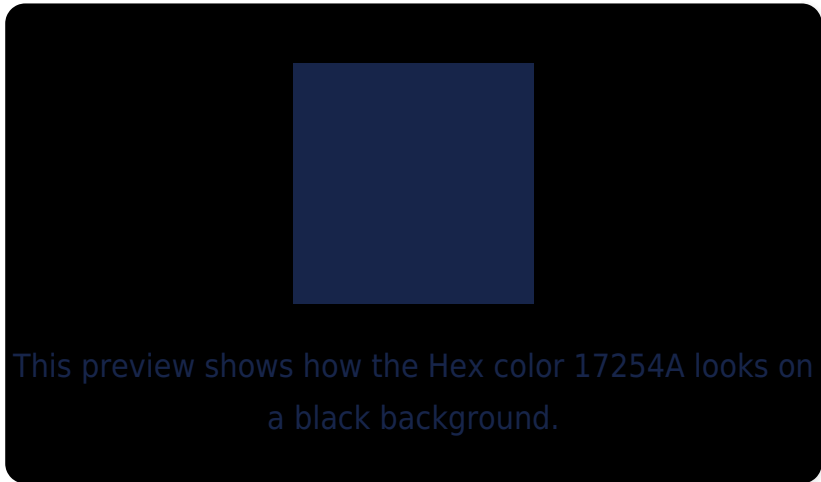
Large Text (above 18pt) WCAG AA ✓ Pass

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

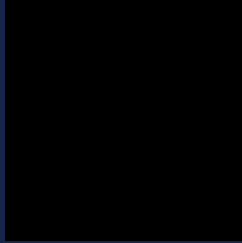
Any Text WCAG AA × Fail

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 17254A Background



This preview shows how black text looks on a background with the Hex color 17254A.



This preview shows how white text looks on a background with the Hex color 17254A.

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
17254A

Protanopia
12264B

Deuteranopia
002846



Tritanopia
002B2F

Trichromacy



Original Color

17254A

Protanomaly

14264B

Deuteranomaly

082747

Tritanomaly

082939

Monochromacy



Original Color

17254A

Achromatopsia

252525

Achromatomaly

202532

CSS Examples

Text

The CSS property to change the color of the text to Hex 17254A 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 #17254A looks like.

```
.text, #text, p{  
    color:#17254A  
}
```

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 #17254A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17254A
}
```

Border

The CSS property to change the border of an element to Hex 17254A is called "border". The border property can be set on classes, ids or directly on the HTML element.

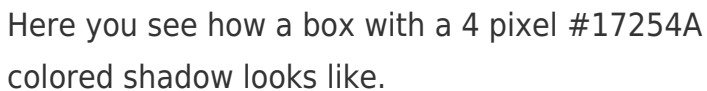
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#17254A }
```

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

```
.border{ border-color:#17254A }
```

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



Here you see how a box with a 4 pixel #17254A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17254A; -webkit-box-shadow:4px 4px  
4px 4px #17254A; box-shadow:4px 4px 4px  
4px #17254A }
```

Background

The CSS property to change the background color of an element to Hex 17254A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17254A }
```

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

```
.background{ background-color:#17254A }
```

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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