

Converting Colors

Hex(12524A)

Have a look what the booklet for
Hex(12524A) contains.

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Color

Hex(12524A)

Conversions

Conversions Part 1

Format	Color
Hex	12524A
RGB	18, 82, 74
RGB Percent	7%, 32%, 29%
CMY	0.9294, 0.6784, 0.7098
CMYK	0.78, 0.00, 0.10, 0.68
HSL	172°, 64%, 20%
HSV	172°, 78%, 32%
XYZ	4.5028, 6.6576, 7.5263
YIQ	61.9520, -35.5760, -16.0560

Conversions

Conversions Part 2

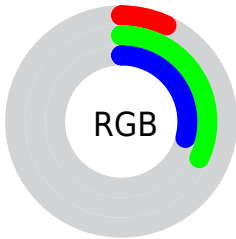
Format	Color
RYB	18, 52, 82
Decimal	1200714
CIELab	31.01, -21.73, -1.02
CIELCh	31, 21.753, 182.689
Yxy	6.6576, 0.2410, 0.3563
Android (android.graphics.Color)	4279390794 (0xFF12524A)
YUV	61.9520, 5.9397, -38.5459
Hunter-Lab	25.8023, -14.0039, 0.7673

Details

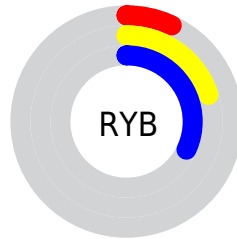
The Hex color **12524A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **52121A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **49847B**, and **00251E** is the 20% darker color. If you saturate the color by 10%, you get **0A5249**, and if you desaturate by 10%, it is **1A524B**.

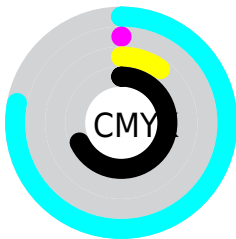
Distribution



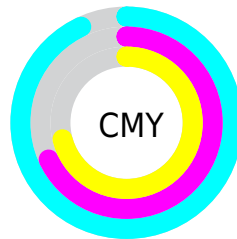
- Red (7%)
- Green (32%)
- Blue (29%)



- Red (7%)
- Yellow (20%)
- Blue (32%)



- Cyan (78%)
- Magenta (0%)
- Yellow (10%)
- Black (68%)



- Cyan (93%)
- Magenta (68%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12524A 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 12524A by changing the saturation by 10% instead.

 12524A

 12524A

FFFFFF

 003B33

 49847B

 00251E

 629E94

 000706

 7DB9AF

 000000

 98D5CA

 B3F1E6

 CFFFFFF

 EFFFFFF

 12524A

 12524A

■ 0A5249

■ 1A524B

■ 025248

■ 22524C

■ 005248

■ 2B524D

■ 33524E

■ 3B524F

■ 435250

■ 4B5251

■ 545252

■ 5C5253

Harmonies

Analogous

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



2C5139



12524A



00515B

Triad

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



12524A



4D4466



61432B

Complementary

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



12524A



52121A

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.



693D38



12524A



603E59

Square

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



12524A



324A6B



693C48



534827

Rectangle

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



12524A



025064



693C48



64412F

Sweetspot

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



12524A



526B68



1B5212



273634



B5B5B5



363636

Same Dimension

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



12524A



066B5F



123B52



252928



00695B



00E8CB

Inverse Universe

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



52121A



6B0613



522912



292525



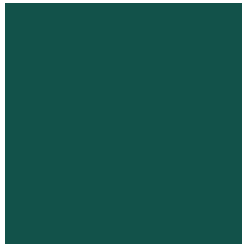
69000D



E8001D

Previews

White Background



This preview shows how the Hex color 12524A looks on a white background.

Color Contrast Check

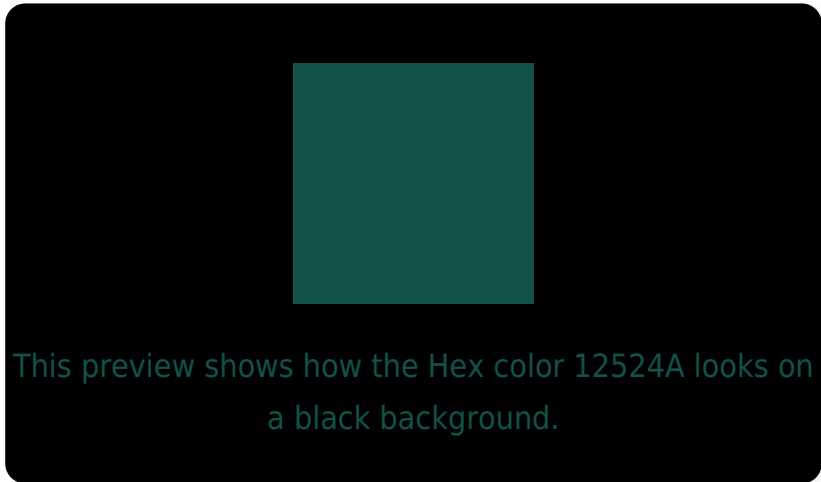
Large Text (above 18pt) WCAG AA ✓ Pass

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

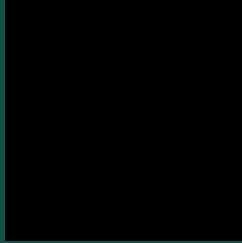
Any Text WCAG AA × Fail

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 12524A Background



This preview shows how black text looks on a background with the Hex color 12524A.



This preview shows how white text looks on a background with the Hex color 12524A.

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
12524A

Protanopia
4B4945

Deuteranopia
4E474C



Tritanopia
1B5057

Trichromacy



Original Color
12524A

Protanomaly
364C47

Deuteranomaly
384B4B

Tritanomaly
185152

Monochromacy



Original Color
12524A

Achromatopsia
3E3E3E

Achromatomaly
2E4542

CSS Examples

Text

The CSS property to change the color of the text to Hex 12524A 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 #12524A looks like.

```
.text, #text, p{  
    color:#12524A  
}
```

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 #12524A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12524A
}
```

Border

The CSS property to change the border of an element to Hex 12524A 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".

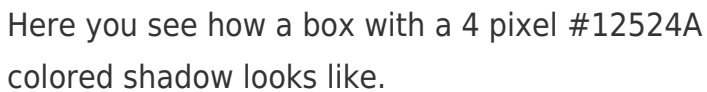
```
.border, #border, table{ border:4px solid
#12524A }
```

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

```
.border{ border-color:#12524A }
```

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

Here you see how a box with a 4 pixel #12524A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12524A; -webkit-box-shadow:4px 4px  
4px 4px #12524A; box-shadow:4px 4px 4px  
4px #12524A }
```

Background

The CSS property to change the background color of an element to Hex 12524A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12524A }
```

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

```
.background{ background-color:#12524A }
```

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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