

Converting Colors

Hex(12644A)

Have a look what the booklet for
Hex(12644A) contains.

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Color

Hex(12644A)

Conversions

Conversions Part 1

Format	Color
Hex	12644A
RGB	18, 100, 74
RGB Percent	7%, 39%, 29%
CMY	0.9294, 0.6078, 0.7098
CMYK	0.82, 0.00, 0.26, 0.61
HSL	161°, 69%, 23%
HSV	161°, 82%, 39%
XYZ	6.0427, 9.7374, 8.0396
YIQ	72.5180, -40.5260, -25.4700

Conversions

Conversions Part 2

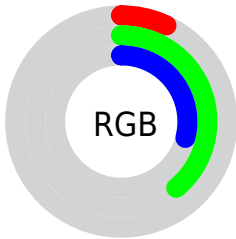
Format	Color
RYB	18, 67, 100
Decimal	1205322
CIELab	37.37, -30.47, 8.11
CIELCh	37, 31.533, 165.102
Yxy	9.7374, 0.2537, 0.4088
Android (android.graphics.Color)	4279395402 (0xFF12644A)
YUV	72.5180, 0.7306, -47.8123
Hunter-Lab	31.2047, -20.0426, 6.5678

Details

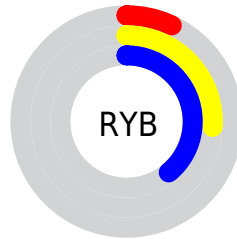
The Hex color **12644A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **64122C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4D987B**, and **00341E** is the 20% darker color. If you saturate the color by 10%, you get **086447**, and if you desaturate by 10%, it is **1C644D**.

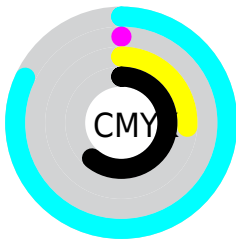
Distribution



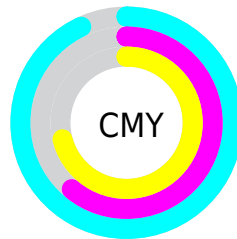
- Red (7%)
- Green (39%)
- Blue (29%)



- Red (7%)
- Yellow (26%)
- Blue (39%)



- Cyan (82%)
- Magenta (0%)
- Yellow (26%)
- Black (61%)



- Cyan (93%)
- Magenta (61%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12644A 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 12644A by changing the saturation by 10% instead.

 12644A

 12644A

FFFFFF

 004C33

 4D987B

 00341E

 67B394

 002106

 82CEAF

 000000

 9EEBCB

 BAFFE7

 D6FFFF

 F3FFFF

 12644A

 12644A

■ 086447

■ 1C644D

■ 006444

■ 266450

■ 306454

■ 3A6457

■ 44645A

■ 4E645D

■ 586460

■ 626463

■ 6C6467

Harmonies

Analogous

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



3E6133



12644A



006564

Triad

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



12644A



455689



824935

Complementary

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



12644A



64122C

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.



88434C



12644A



6A4C7C

Square

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



12644A



005E89



814466



725226

Rectangle

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



12644A



006474



814466



85463C

Sweetspot

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



12644A



628278



2D6412



2E423C



C2C2C2



424242

Same Dimension

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



12644A



03825A



125664



2E3331



00734E



00F2A5

Inverse Universe

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



64122C



82032B



642012



332E30



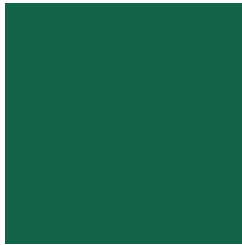
730024



F2004D

Previews

White Background



This preview shows how the Hex color 12644A looks on a white background.

Color Contrast Check

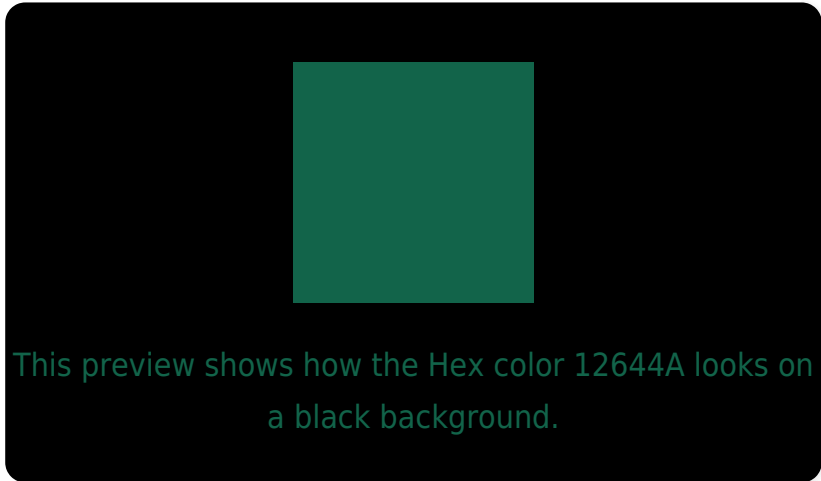
Large Text (above 18pt) WCAG AA ✓ Pass

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

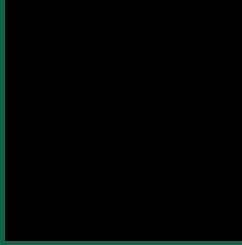
Any Text WCAG AA × Fail

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 12644A Background



This preview shows how black text looks on a background with the Hex color 12644A.



This preview shows how white text looks on a background with the Hex color 12644A.

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
12644A

Protanopia
5D5744

Deuteranopia
64544D



Tritanopia
246068

Trichromacy



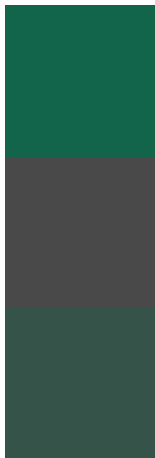
Original Color
12644A

Protanomaly
425C46

Deuteranomaly
465A4C

Tritanomaly
1D615D

Monochromacy



Original Color
12644A

Achromatopsia
494949

Achromatomaly
355349

CSS Examples

Text

The CSS property to change the color of the text to Hex 12644A 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 #12644A looks like.

```
.text, #text, p{  
    color:#12644A  
}
```

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 #12644A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12644A
}
```

Border

The CSS property to change the border of an element to Hex 12644A 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
#12644A }
```

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

```
.border{ border-color:#12644A }
```

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

Here you see how a box with a 4 pixel #12644A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12644A; -webkit-box-shadow:4px 4px  
4px 4px #12644A; box-shadow:4px 4px 4px  
4px #12644A }
```

Background

The CSS property to change the background color of an element to Hex 12644A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12644A }
```

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

```
.background{ background-color:#12644A }
```

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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