

Converting Colors

Hex(12445F)

Have a look what the booklet for
Hex(12445F) contains.

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Color

Hex(12445F)

Conversions

Conversions Part 1

Format	Color
Hex	12445F
RGB	18, 68, 95
RGB Percent	7%, 27%, 37%
CMY	0.9294, 0.7333, 0.6275
CMYK	0.81, 0.28, 0.00, 0.63
HSL	201°, 68%, 22%
HSV	201°, 81%, 37%
XYZ	4.3821, 5.0891, 11.5778
YIQ	56.1280, -38.4670, -2.2030

Conversions

Conversions Part 2

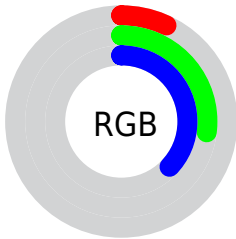
Format	Color
R_{YB}	18, 48, 95
Decimal	1197151
CIE _{Lab}	26.99, -6.00, -20.64
CIE _{LCh}	27, 21.490, 253.787
Yxy	5.0891, 0.2082, 0.2418
Android (android.graphics.Color)	4279387231 (0xFF12445F)
YUV	56.1280, 19.1639, -33.4383
Hunter-Lab	22.5590, -4.8041, -14.6378

Details

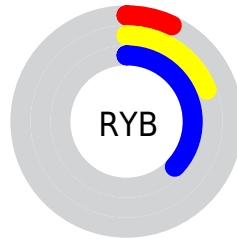
The Hex color **12445F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5F2D12**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **4A7492**, and **001A31** is the 20% darker color. If you saturate the color by 10%, you get **08415F**, and if you desaturate by 10%, it is **1C475F**.

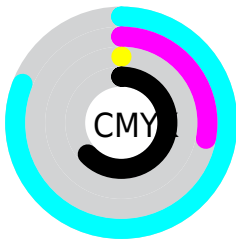
Distribution



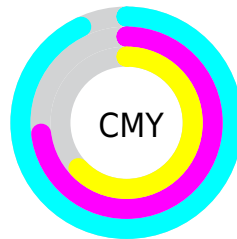
- Red (7%)
- Green (27%)
- Blue (37%)



- Red (7%)
- Yellow (19%)
- Blue (37%)



- Cyan (81%)
- Magenta (28%)
- Yellow (0%)
- Black (63%)



- Cyan (93%)
- Magenta (73%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12445F 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 12445F by changing the saturation by 10% instead.

■ 12445F

■ 12445F

FFFFFF

■ 002E47

■ 4A7492

■ 001A31

■ 648EAC

■ 00011C

■ 7FA8C8

■ 000000

■ 9AC3E4

■ B6DFFF

■ D2FCFF

■ EFFFFFF

■ 12445F

■ 12445F

■ 08415F

■ 1C475F

■ 003E5F

■ 254B5F

■ 2F4E5F

■ 38515F

■ 42555F

■ 4B585F

■ 555B5F

■ 5E5F5F

■ 68625F

Harmonies

Analogous

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



004756



12445F



343F60

Triad

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



12445F



5F3339



304527

Complementary

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



12445F



5F2D12

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.



43411F



12445F



5C362A

Square

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



12445F



5A3449



523C20



1A4836

Rectangle

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



12445F



443B5B



523C20



374424

Sweetspot

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



12445F



5D707A



125F2D



2B373D



BDBDBD



3D3D3D

Same Dimension

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



12445F



04517A



121E5F



2C2F30



004970



009CF0

Inverse Universe

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



5F1244



7A0451



5F5312



302C2F



700049



F0009C

Previews

White Background



This preview shows how the Hex color 12445F looks on a white background.

Color Contrast Check

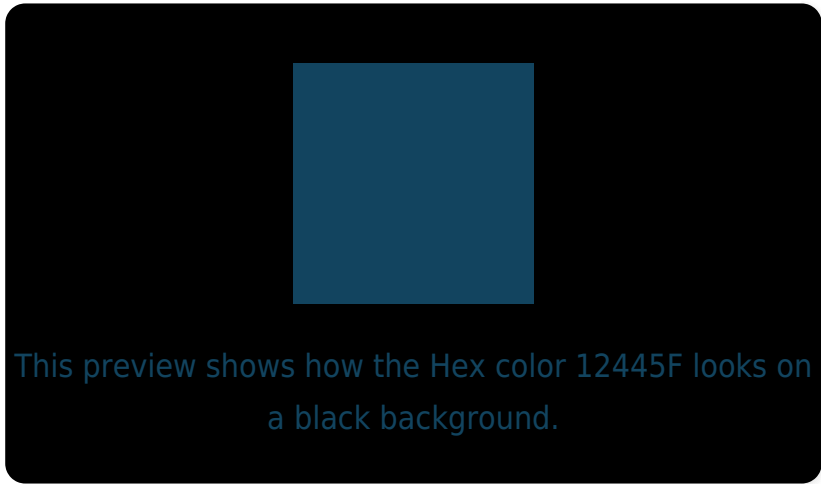
Large Text (above 18pt) WCAG AA ✓ Pass

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

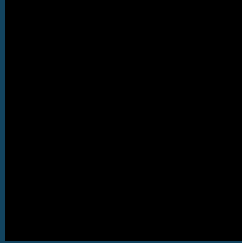
Any Text WCAG AA × Fail

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 12445F Background



This preview shows how black text looks on a background with the Hex color 12445F.



This preview shows how white text looks on a background with the Hex color 12445F.

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
12445F

Protanopia
373F5B

Deuteranopia
314060



Tritanopia
00474C

Trichromacy



Original Color
12445F

Protanomaly
2A415C

Deuteranomaly
264160

Tritanomaly
074653

Monochromacy



Original Color
12445F

Achromatopsia
383838

Achromatomaly
2A3C46

CSS Examples

Text

The CSS property to change the color of the text to Hex 12445F 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 #12445F looks like.

```
.text, #text, p{  
    color:#12445F  
}
```

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 #12445F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12445F
}
```

Border

The CSS property to change the border of an element to Hex 12445F is called "border". The border property can be set on classes, ids or directly on the HTML element.

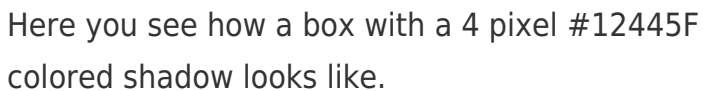
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#12445F }
```

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

```
.border{ border-color:#12445F }
```

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



Here you see how a box with a 4 pixel #12445F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12445F; -webkit-box-shadow:4px 4px  
4px 4px #12445F; box-shadow:4px 4px 4px  
4px #12445F }
```

Background

The CSS property to change the background color of an element to Hex 12445F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12445F }
```

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

```
.background{ background-color:#12445F }
```

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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