

Converting Colors

Hex(23744A)

Have a look what the booklet for
Hex(23744A) contains.

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Color

Hex(23744A)

Conversions

Conversions Part 1

Format	Color
Hex	23744A
RGB	35, 116, 74
RGB Percent	14%, 45%, 29%
CMY	0.8627, 0.5451, 0.7098
CMYK	0.70, 0.00, 0.36, 0.55
HSL	149°, 54%, 30%
HSV	149°, 70%, 45%
XYZ	8.1746, 13.3425, 8.6231
YIQ	86.9930, -34.7940, -30.2340

Conversions

Conversions Part 2

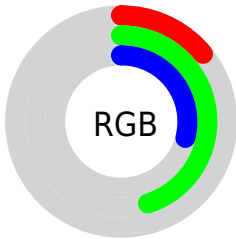
Format	Color
RYB	35, 90, 116
Decimal	2323530
CIELab	43.27, -34.79, 16.31
CIELCh	43, 38.424, 154.882
Yxy	13.3425, 0.2712, 0.4427
Android (android.graphics.Color)	4280513610 (0xFF23744A)
YUV	86.9930, -6.4055, -45.5979
Hunter-Lab	36.5274, -23.9760, 11.5725

Details

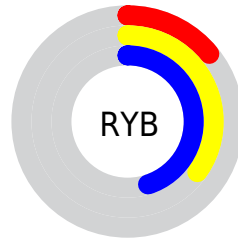
The Hex color **23744A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **74234D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5AA97B**, and **00431E** is the 20% darker color. If you saturate the color by 10%, you get **177444**, and if you desaturate by 10%, it is **2F7450**.

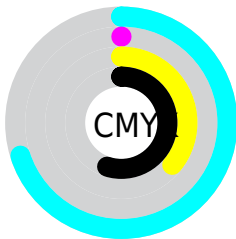
Distribution



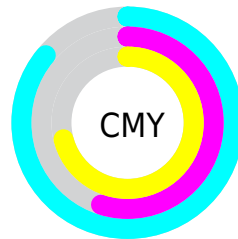
- Red (14%)
- Green (45%)
- Blue (29%)



- Red (14%)
- Yellow (35%)
- Blue (45%)



- Cyan (70%)
- Magenta (0%)
- Yellow (36%)
- Black (55%)



- Cyan (86%)
- Magenta (55%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23744A 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 23744A by changing the saturation by 10% instead.



23744A



23744A

FFFFFF



005B33



5AA97B



00431E



75C495



002C06



91E1B0



001400



ACFDCB



000000



C9FFE7



E6FFFF



23744A



23744A



177444



2F7450

■ 0C743E

■ 3A7456

■ 007438

■ 46745C

■ 517462

■ 5D7468

■ 69746E

■ 747474

■ 80747A

■ 8B7480

Harmonies

Analogous

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



526F2F



23744A



00766B

Triad

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



23744A



3368A6



9E4F44

Complementary

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



23744A



74234D

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.



A14A62



23744A



6F5C9B

Square

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



23744A



00719F



915082



8E5B2C

Rectangle

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



23744A



007680



915082



A14D4D

Sweetspot

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



23744A



779686



4E7423



394D43



CCCCCC



4D4D4D

Same Dimension

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



23744A



189655



237471



353B38



007A3B



00FA78

Inverse Universe

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



74234D



96185A



742326



3B3538



7A003F



FA0082

Previews

White Background



This preview shows how the Hex color 23744A looks on a white background.

Color Contrast Check

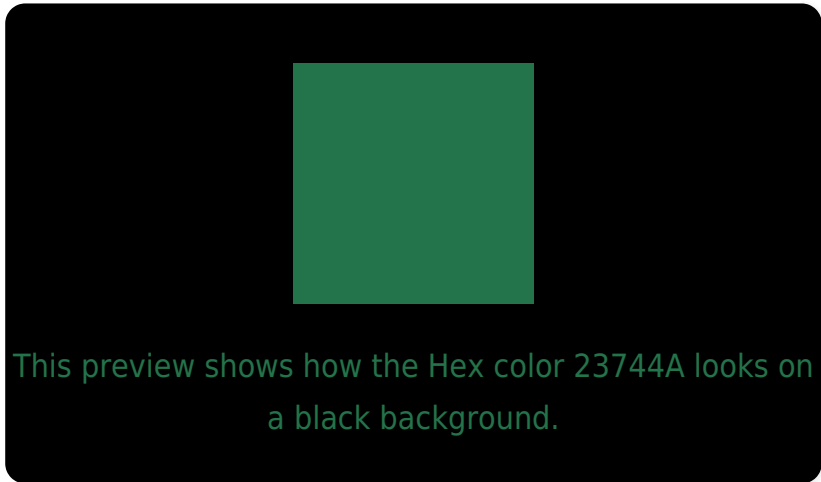
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 23744A Background



This preview shows how black text looks on a background with the Hex color 23744A.



This preview shows how white text looks on a background with the Hex color 23744A.

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
23744A

Protanopia
6E6644

Deuteranopia
77624E



Tritanopia
346E77

Trichromacy



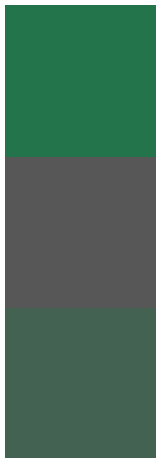
Original Color
23744A

Protanomaly
536B46

Deuteranomaly
58694D

Tritanomaly
2E7067

Monochromacy



Original Color
23744A

Achromatopsia
575757

Achromatomaly
446252

CSS Examples

Text

The CSS property to change the color of the text to Hex 23744A 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 #23744A looks like.

```
.text, #text, p{  
    color:#23744A  
}
```

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 #23744A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23744A
}
```

Border

The CSS property to change the border of an element to Hex 23744A 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
#23744A }
```

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

```
.border{ border-color:#23744A }
```

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

Here you see how a box with a 4 pixel #23744A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23744A; -webkit-box-shadow:4px 4px  
4px 4px #23744A; box-shadow:4px 4px 4px  
4px #23744A }
```

Background

The CSS property to change the background color of an element to Hex 23744A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23744A }
```

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

```
.background{ background-color:#23744A }
```

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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