

Converting Colors

Hex(15453D)

Have a look what the booklet for
Hex(15453D) contains.

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Color

Hex(15453D)

Conversions

Conversions Part 1

Format	Color
Hex	15453D
RGB	21, 69, 61
RGB Percent	8%, 27%, 24%
CMY	0.9176, 0.7294, 0.7608
CMYK	0.70, 0.00, 0.12, 0.73
HSL	170°, 53%, 18%
HSV	170°, 70%, 27%
XYZ	3.2797, 4.7526, 5.1594
YIQ	53.7360, -26.0400, -12.6640

Conversions

Conversions Part 2

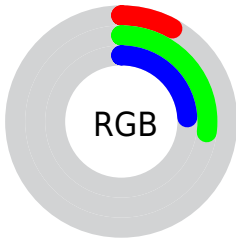
Format	Color
R_{YB}	21, 47, 69
Decimal	1393981
CIE Lab	26.02, -18.33, 0.07
CIE LCh	26, 18.332, 179.775
Yxy	4.7526, 0.2486, 0.3603
Android (android.graphics.Color)	4279584061 (0xFF15453D)
YUV	53.7360, 3.5812, -28.7095
Hunter-Lab	21.8004, -11.2970, 1.2286

Details

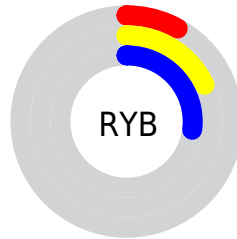
The Hex color **15453D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **45151D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **47766C**, and **001B13** is the 20% darker color. If you saturate the color by 10%, you get **0E453C**, and if you desaturate by 10%, it is **1C453E**.

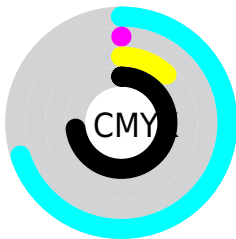
Distribution



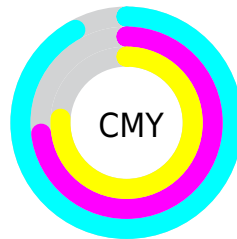
- Red (8%)
- Green (27%)
- Blue (24%)



- Red (8%)
- Yellow (18%)
- Blue (27%)



- Cyan (70%)
- Magenta (0%)
- Yellow (12%)
- Black (73%)



- Cyan (92%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15453D 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 15453D by changing the saturation by 10% instead.

 15453D

 15453D

FFFFFF

 002E27

 47766C

 001B13

 608F86

 000000

 7AAAA0


 94C5BB

 AFE1D6

 CBFEF3

 E7FFFF

 15453D

 15453D

■ 0E453C

■ 1C453E

■ 07453B

■ 23453F

■ 00453A

■ 2A4540

■ 004539

■ 314542

■ 384543

■ 3E4544

■ 454545

■ 4C4546

■ 534547

Harmonies

Analogous

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



28442F



15453D



04454B

Triad

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



15453D



3F3A56



523826

Complementary

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



15453D



45151D

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.



583430



15453D



4F354C

Square

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



15453D



293F59



58333E



473D22

Rectangle

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



15453D



094452



58333E



553629

Sweetspot

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



15453D



475956



1D4515



222E2C



ADADAD



2E2E2E

Same Dimension

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



15453D



0F594D



153545



202423



006353



00E3BD

Inverse Universe

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



45151D



590F1C



452515



242021



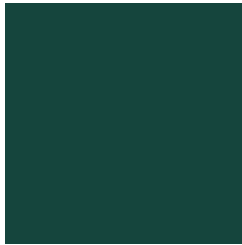
630011



E30026

Previews

White Background



This preview shows how the Hex color 15453D looks on a white background.

Color Contrast Check

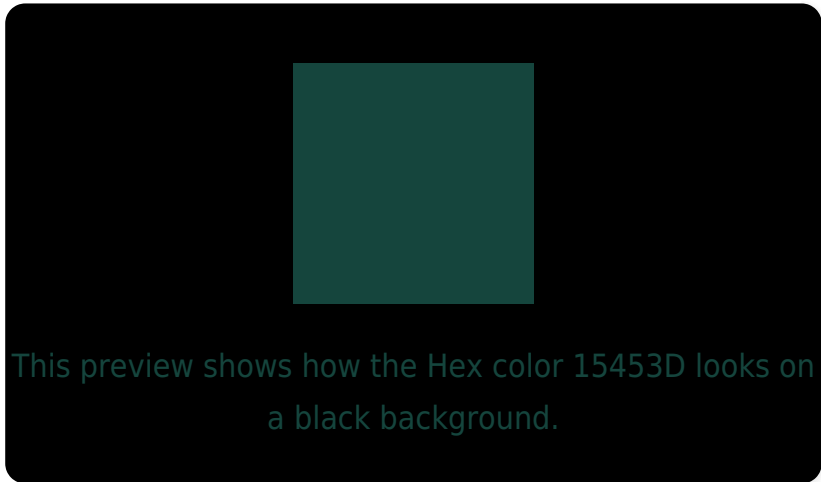
Large Text (above 18pt) WCAG AA ✓ Pass

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

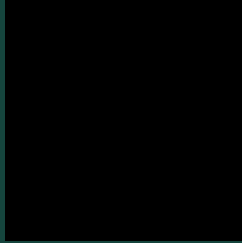
Any Text WCAG AA × Fail

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 15453D Background



This preview shows how black text looks on a background with the Hex color 15453D.



This preview shows how white text looks on a background with the Hex color 15453D.

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](#).

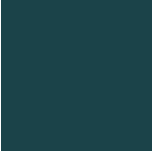
Dichromacy



Original Color
15453D

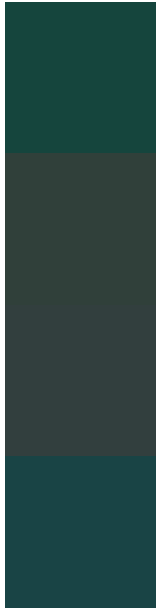
Protanopia
403D39

Deuteranopia
433C3F



Tritanopia
1B4349

Trichromacy



Original Color
15453D

Protanomaly
30403A

Deuteranomaly
323F3E

Tritanomaly
194445

Monochromacy



Original Color
15453D

Achromatopsia
363636

Achromatomaly
2A3B39

CSS Examples

Text

The CSS property to change the color of the text to Hex 15453D 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 #15453D looks like.

```
.text, #text, p{  
    color:#15453D  
}
```

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 #15453D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15453D
}
```

Border

The CSS property to change the border of an element to Hex 15453D 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
#15453D }
```

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

```
.border{ border-color:#15453D }
```

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

Here you see how a box with a 4 pixel #15453D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15453D; -webkit-box-shadow:4px 4px  
4px 4px #15453D; box-shadow:4px 4px 4px  
4px #15453D }
```

Background

The CSS property to change the background color of an element to Hex 15453D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15453D }
```

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

```
.background{ background-color:#15453D }
```

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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