

Converting Colors

Hex(15564B)

Have a look what the booklet for
Hex(15564B) contains.

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Color

Hex(15564B)

Conversions

Conversions Part 1

Format	Color
Hex	15564B
RGB	21, 86, 75
RGB Percent	8%, 34%, 29%
CMY	0.9176, 0.6627, 0.7059
CMYK	0.76, 0.00, 0.13, 0.66
HSL	170°, 61%, 21%
HSV	170°, 76%, 34%
XYZ	4.9070, 7.3230, 7.8115
YIQ	65.3110, -35.2090, -17.2010

Conversions

Conversions Part 2

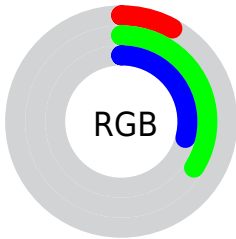
Format	Color
R_{YB}	21, 57, 86
Decimal	1398347
CIE _{Lab}	32.53, -23.01, 0.57
CIE _{LCh}	33, 23.014, 178.579
Yxy	7.3230, 0.2448, 0.3654
Android (android.graphics.Color)	4279588427 (0xFF15564B)
YUV	65.3110, 4.7767, -38.8607
Hunter-Lab	27.0611, -14.9890, 1.8280

Details

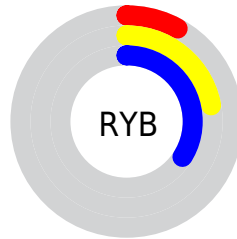
The Hex color **15564B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **561520**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4B887C**, and **00281F** is the 20% darker color. If you saturate the color by 10%, you get **0C564A**, and if you desaturate by 10%, it is **1E564C**.

Distribution



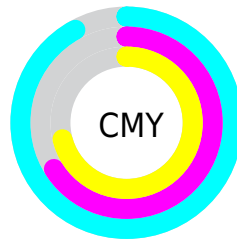
- Red (8%)
- Green (34%)
- Blue (29%)



- Red (8%)
- Yellow (22%)
- Blue (34%)



- Cyan (76%)
- Magenta (0%)
- Yellow (13%)
- Black (66%)



- Cyan (92%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15564B 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 15564B by changing the saturation by 10% instead.



15564B



15564B

FFFFFF



003E34



4B887C



00281F



65A395



001007



80BEB0



000000



9BDACC



B6F6E8



D2FFFF



FFFFFF



15564B



15564B

■ 0C564A

■ 1E564C

■ 045648

■ 26564E

■ 005647

■ 2F564F

■ 375651

■ 405652

■ 495654

■ 515655

■ 5A5657

■ 625658

Harmonies

Analogous

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



315439



15564B



00565D

Triad

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



15564B



4D486C



67452E

Complementary

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



15564B



561520

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.



6F403C



15564B



624260

Square

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



15564B



2F4F70



6E3E4E



594B28

Rectangle

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



15564B



005467



6E3E4E



6B4332

Sweetspot

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



15564B



56706C



215615



283835



B8B8B8



383838

Same Dimension

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



15564B



0A705F



154156



272B2B



006B59



00EBC3

Inverse Universe

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



561520



700A1B



562A15



2B2728



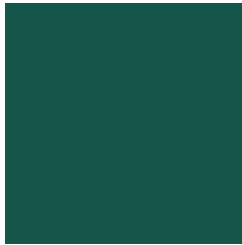
6B0012



EB0028

Previews

White Background



This preview shows how the Hex color 15564B looks on a white background.

Color Contrast Check

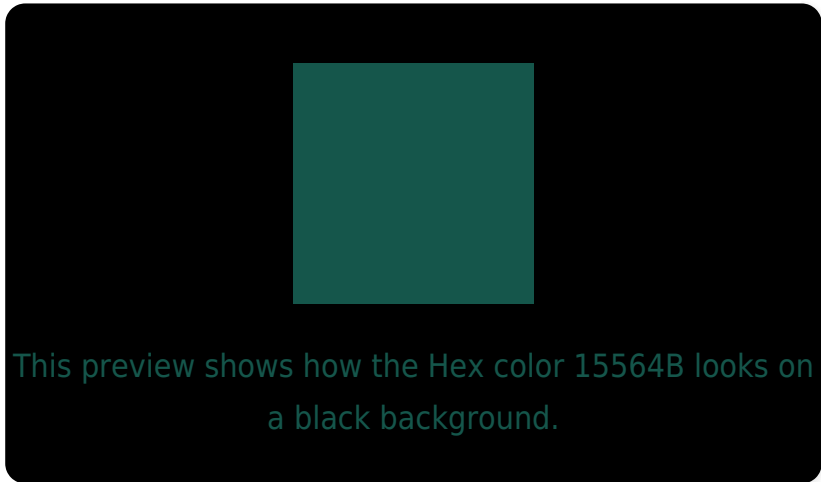
Large Text (above 18pt) WCAG AA ✓ Pass

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

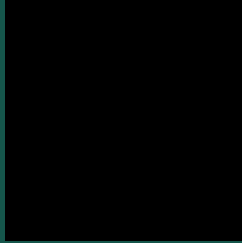
Any Text WCAG AA × Fail

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 15564B Background



This preview shows how black text looks on a background with the Hex color 15564B.



This preview shows how white text looks on a background with the Hex color 15564B.

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
15564B

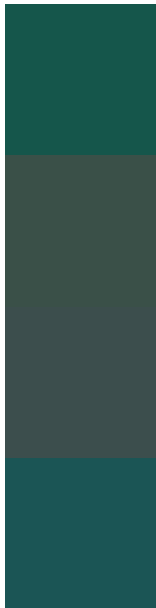
Protanopia
4F4C46

Deuteranopia
534A4E



Tritanopia
1E545B

Trichromacy



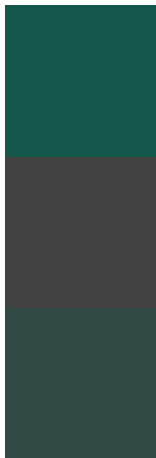
Original Color
15564B

Protanomaly
3A5048

Deuteranomaly
3C4E4D

Tritanomaly
1B5555

Monochromacy



Original Color
15564B

Achromatopsia
414141

Achromatomaly
314945

CSS Examples

Text

The CSS property to change the color of the text to Hex 15564B 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 #15564B looks like.

```
.text, #text, p{  
    color:#15564B  
}
```

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 #15564B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15564B
}
```

Border

The CSS property to change the border of an element to Hex 15564B 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
#15564B }
```

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

```
.border{ border-color:#15564B }
```

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

Here you see how a box with a 4 pixel #15564B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15564B; -webkit-box-shadow:4px 4px  
4px 4px #15564B; box-shadow:4px 4px 4px  
4px #15564B }
```

Background

The CSS property to change the background color of an element to Hex 15564B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15564B }
```

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

```
.background{ background-color:#15564B }
```

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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