

Converting Colors

Hex(11553A)

Have a look what the booklet for
Hex(11553A) contains.

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Color

Hex(11553A)

Conversions

Conversions Part 1

Format	Color
Hex	11553A
RGB	17, 85, 58
RGB Percent	7%, 33%, 23%
CMY	0.9333, 0.6667, 0.7725
CMYK	0.80, 0.00, 0.32, 0.67
HSL	156°, 67%, 20%
HSV	156°, 80%, 33%
XYZ	4.2434, 6.9217, 5.1154
YIQ	61.5900, -31.8610, -22.8130

Conversions

Conversions Part 2

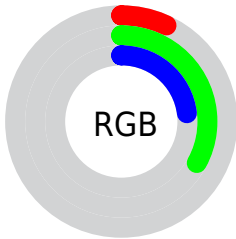
Format	Color
R_{YB}	17, 59, 85
Decimal	1135930
CIE _{Lab}	31.63, -27.92, 9.95
CIE _{LCh}	32, 29.637, 160.382
Yxy	6.9217, 0.2606, 0.4252
Android (android.graphics.Color)	4279326010 (0xFF11553A)
YUV	61.5900, -1.7699, -39.1054
Hunter-Lab	26.3090, -17.2506, 6.8884

Details

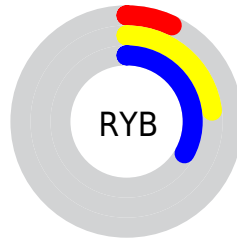
The Hex color **11553A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **55112C**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **488769**, and **002710** is the 20% darker color. If you saturate the color by 10%, you get **085537**, and if you desaturate by 10%, it is **19553D**.

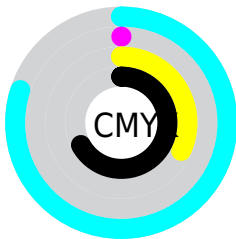
Distribution



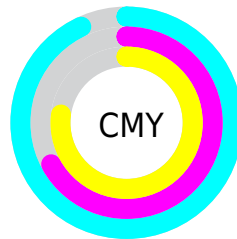
- Red (7%)
- Green (33%)
- Blue (23%)



- Red (7%)
- Yellow (23%)
- Blue (33%)



- Cyan (80%)
- Magenta (0%)
- Yellow (32%)
- Black (67%)



- Cyan (93%)
- Magenta (67%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11553A 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 11553A by changing the saturation by 10% instead.

■ 11553A

■ 11553A

FFFFFF

■ 003D24

■ 488769

■ 002710

■ 62A282

■ 000B00

■ 7CBD9C

■ 000000

■ 97D9B7

■ B2F6D3

■ CEFFEF

■ EBFFFF

■ 11553A

■ 11553A

■ 085537

■ 19553D

■ 005533

■ 225541

■ 2A5544

■ 335547

■ 3B554B

■ 44554E

■ 4C5552

■ 555555

■ 5E5558

Harmonies

Analogous

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



375226



11553A



005652

Triad

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



11553A



314A78



723B2D

Complementary

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



11553A



55112C

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.



763643



11553A



57416E

Square

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



11553A



005176



6D395B



64441E

Rectangle

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



11553A



005661



6D395B



743934

Sweetspot

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



11553A



536E63



2C5511



283832



B8B8B8



383838

Same Dimension

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



11553A



046E44



114E55



272B2A



006B41



00EB8D

Inverse Universe

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



55112C



6E042E



551811



2B2729



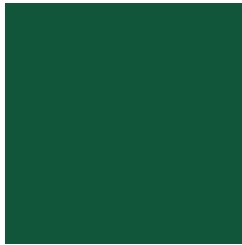
6B002B



EB005D

Previews

White Background



This preview shows how the Hex color 11553A looks on a white background.

Color Contrast Check

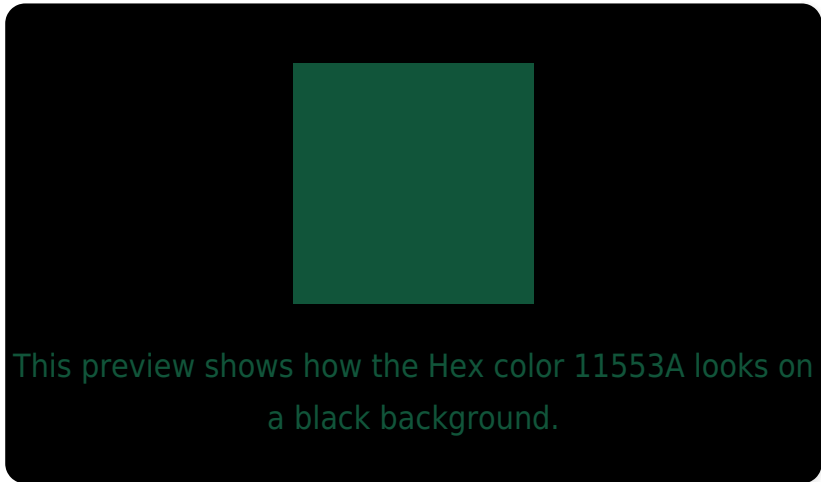
Large Text (above 18pt) WCAG AA ✓ Pass

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

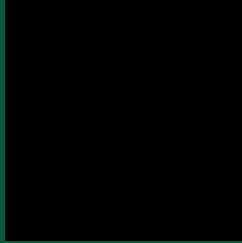
Any Text WCAG AA × Fail

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 11553A Background



This preview shows how black text looks on a background with the Hex color 11553A.



This preview shows how white text looks on a background with the Hex color 11553A.

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
11553A

Protanopia
504A35

Deuteranopia
56473D



Tritanopia
215158

Trichromacy



Original Color
11553A

Protanomaly
394E37

Deuteranomaly
3D4C3C

Tritanomaly
1B524D

Monochromacy



Original Color
11553A

Achromatopsia
3E3E3E

Achromatomaly
2E463D

CSS Examples

Text

The CSS property to change the color of the text to Hex 11553A 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 #11553A looks like.

```
.text, #text, p{  
    color:#11553A  
}
```

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 #11553A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11553A
}
```

Border

The CSS property to change the border of an element to Hex 11553A 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
#11553A }
```

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

```
.border{ border-color:#11553A }
```

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

Here you see how a box with a 4 pixel #11553A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11553A; -webkit-box-shadow:4px 4px  
4px 4px #11553A; box-shadow:4px 4px 4px  
4px #11553A }
```

Background

The CSS property to change the background color of an element to Hex 11553A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11553A }
```

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

```
.background{ background-color:#11553A }
```

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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