

Converting Colors

Hex(13555D)

Have a look what the booklet for
Hex(13555D) contains.

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Color

Hex(13555D)

Conversions

Conversions Part 1

Format	Color
Hex	13555D
RGB	19, 85, 93
RGB Percent	7%, 33%, 36%
CMY	0.9255, 0.6667, 0.6353
CMYK	0.80, 0.09, 0.00, 0.64
HSL	186°, 66%, 22%
HSV	186°, 80%, 36%
XYZ	5.4928, 7.4258, 11.4997
YIQ	66.1780, -41.9040, -11.5040

Conversions

Conversions Part 2

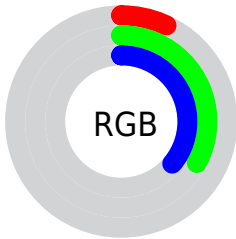
Format	Color
R_{YB}	19, 54, 93
Decimal	1267037
CIE _{Lab}	32.76, -16.85, -10.47
CIE _{LCh}	33, 19.839, 211.866
Yxy	7.4258, 0.2249, 0.3041
Android (android.graphics.Color)	4279457117 (0xFF13555D)
YUV	66.1780, 13.2232, -41.3751
Hunter-Lab	27.2502, -11.7076, -5.9455

Details

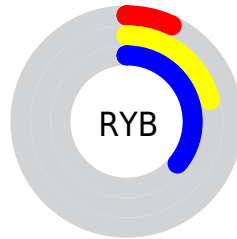
The Hex color **13555D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D1B13**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4C878F**, and **00282F** is the 20% darker color. If you saturate the color by 10%, you get **0A545D**, and if you desaturate by 10%, it is **1C565D**.

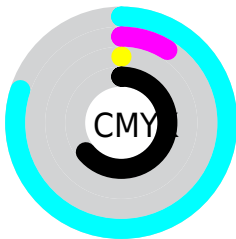
Distribution



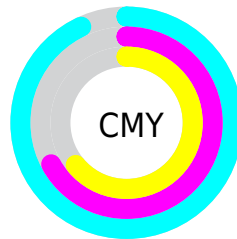
- Red (7%)
- Green (33%)
- Blue (36%)



- Red (7%)
- Yellow (21%)
- Blue (36%)



- Cyan (80%)
- Magenta (9%)
- Yellow (0%)
- Black (64%)




- Cyan (93%)
- Magenta (67%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13555D 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 13555D by changing the saturation by 10% instead.

 13555D

 13555D

FFFFFF

 003E45

 4C878F

 00282F

 66A1AA

 00121B

 81BCC5


 000000

 9CD8E1

 B8F5FE

 D5FFFF

 F2FFFF

 13555D

 13555D

■ 0A545D

■ 1C565D

■ 00535D

■ 26575D

■ 2F585D

■ 38595D

■ 425A5D

■ 4B5B5D

■ 545C5D

■ 5D5D5D

■ 675E5D

Harmonies

Analogous

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



20554E



13555D



205368

Triad

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



13555D



62445C



574C2E

Complementary

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



13555D



5D1B13

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.



644732



13555D



6B414D

Square

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



13555D



504968



6B433D



465132

Rectangle

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



13555D



30506C



6B433D



5B4B2E

Sweetspot

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



13555D



5B7578



135D1A



2B3B3D



BDBDBD



3D3D3D

Same Dimension

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



13555D



066C78



13315D



292D2E



00626E



00D4ED

Inverse Universe

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



5D1355



78066C



5D3F13



2E292D



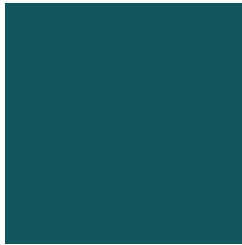
6E0062



ED00D4

Previews

White Background



This preview shows how the Hex color 13555D looks on a white background.

Color Contrast Check

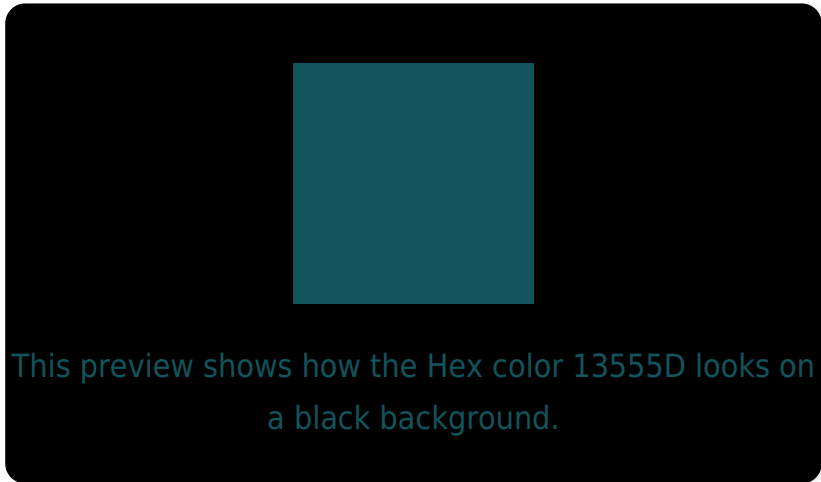
Large Text (above 18pt) WCAG AA ✓ Pass

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

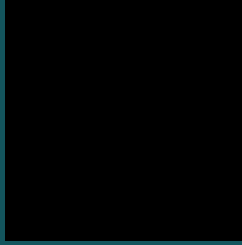
Any Text WCAG AA × Fail

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 13555D Background



This preview shows how black text looks on a background with the Hex color 13555D.



This preview shows how white text looks on a background with the Hex color 13555D.

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
13555D

Protanopia
4B4C57

Deuteranopia
4B4B5F

Trichromacy



Original Color
13555D

Protanomaly
374F59

Deuteranomaly
374F5E

Tritanomaly
12555C

Monochromacy



Original Color
13555D

Achromatopsia
424242

Achromatomaly
31494C

CSS Examples

Text

The CSS property to change the color of the text to Hex 13555D 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 #13555D looks like.

```
.text, #text, p{  
    color:#13555D  
}
```

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 #13555D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13555D
}
```

Border

The CSS property to change the border of an element to Hex 13555D 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
#13555D }
```

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

```
.border{ border-color:#13555D }
```

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

Here you see how a box with a 4 pixel #13555D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13555D; -webkit-box-shadow:4px 4px  
4px 4px #13555D; box-shadow:4px 4px 4px  
4px #13555D }
```

Background

The CSS property to change the background color of an element to Hex 13555D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13555D }
```

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

```
.background{ background-color:#13555D }
```

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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