

Converting Colors

Hex(21553D)

Have a look what the booklet for
Hex(21553D) contains.

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Color

Hex(21553D)

Conversions

Conversions Part 1

Format	Color
Hex	21553D
RGB	33, 85, 61
RGB Percent	13%, 33%, 24%
CMY	0.8706, 0.6667, 0.7608
CMYK	0.61, 0.00, 0.28, 0.67
HSL	152°, 44%, 23%
HSV	152°, 61%, 33%
XYZ	4.7180, 7.1573, 5.5477
YIQ	66.7160, -23.2880, -18.4880

Conversions

Conversions Part 2

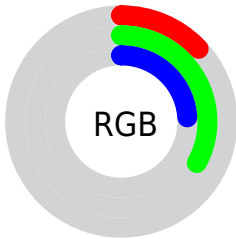
Format	Color
R_{YB}	33, 67, 85
Decimal	2184509
CIE _{Lab}	32.16, -23.84, 8.89
CIE _{LCh}	32, 25.444, 159.541
Yxy	7.1573, 0.2708, 0.4108
Android (android.graphics.Color)	4280374589 (0xFF21553D)
YUV	66.7160, -2.8180, -29.5689
Hunter-Lab	26.7530, -15.3387, 6.4323

Details

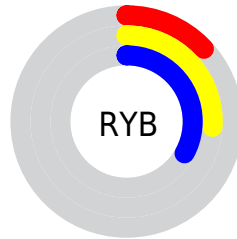
The Hex color **21553D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **552139**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **53876C**, and **002713** is the 20% darker color. If you saturate the color by 10%, you get **195539**, and if you desaturate by 10%, it is **295541**.

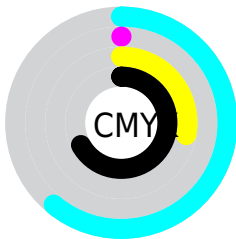
Distribution



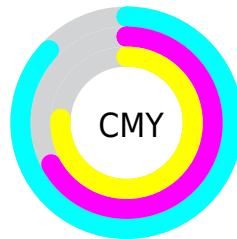
- Red (13%)
- Green (33%)
- Blue (24%)



- Red (13%)
- Yellow (26%)
- Blue (33%)



- Cyan (61%)
- Magenta (0%)
- Yellow (28%)
- Black (67%)



- Cyan (87%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21553D 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 21553D by changing the saturation by 10% instead.

 21553D

 21553D

FFFFFF

 043D27

 53876C

 002713

 6CA286

 000E00

 86BDA0

 000000


 A1D9BB

 BDF5D7

 D9FFF3

 F6FFFF

 21553D

 21553D

■ 195539

■ 295541

■ 105535

■ 325545

■ 085531

■ 3A5549

■ 00552E

■ 43554D

■ 4B5551

■ 545555

■ 5D5558

■ 65555C

■ 6D5560

Harmonies

Analogous

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



3C522C



21553D



005652

Triad

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



21553D



374C73



6F3F33

Complementary

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



21553D



552139

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.



723B46



21553D



56446B

Square

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



21553D



015271



6A3D5A



634626

Rectangle

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



21553D



00565F



6A3D5A



713D39

Sweetspot

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



21553D



5A6E65



395521



2C3832



B8B8B8



383838

Same Dimension

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



21553D



1E6E49



215355



272B29



006B3A



00EB7E

Inverse Universe

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



552139



6E1E43



552321



2B2729



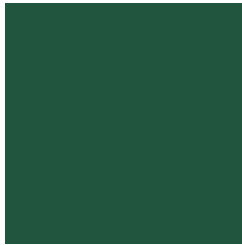
6B0031



EB006C

Previews

White Background



This preview shows how the Hex color 21553D looks on a white background.

Color Contrast Check

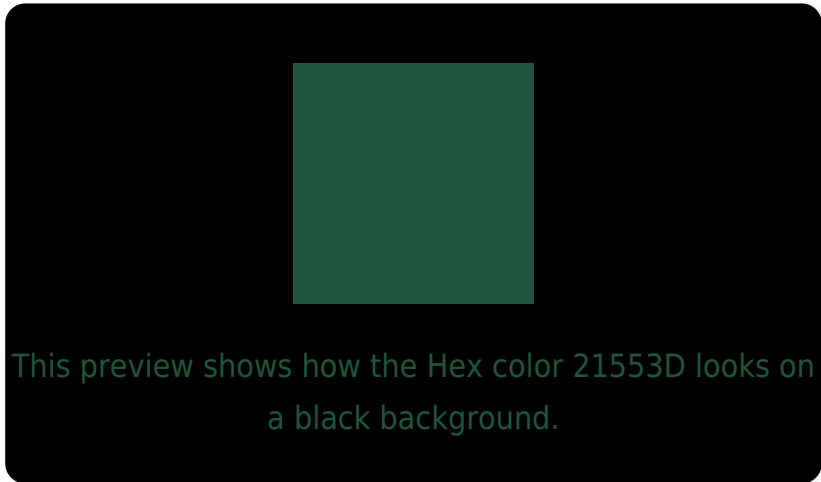
Large Text (above 18pt) WCAG AA ✓ Pass

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

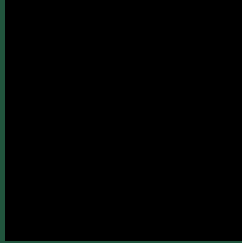
Any Text WCAG AA × Fail

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 21553D Background



This preview shows how black text looks on a background with the Hex color 21553D.



This preview shows how white text looks on a background with the Hex color 21553D.

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](#).

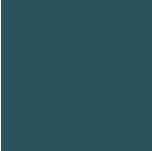
Dichromacy



Original Color
21553D

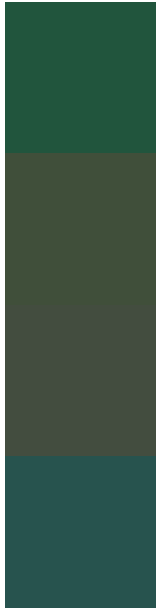
Protanopia
514B39

Deuteranopia
574940



Tritanopia
2A5258

Trichromacy



Original Color
21553D

Protanomaly
404F3A

Deuteranomaly
434D3F

Tritanomaly
27534E

Monochromacy



Original Color
21553D

Achromatopsia
434343

Achromatomaly
374A41

CSS Examples

Text

The CSS property to change the color of the text to Hex 21553D 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 #21553D looks like.

```
.text, #text, p{  
    color:#21553D  
}
```

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 #21553D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21553D
}
```

Border

The CSS property to change the border of an element to Hex 21553D 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
#21553D }
```

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

```
.border{ border-color:#21553D }
```

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

Here you see how a box with a 4 pixel #21553D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21553D; -webkit-box-shadow:4px 4px  
4px 4px #21553D; box-shadow:4px 4px 4px  
4px #21553D }
```

Background

The CSS property to change the background color of an element to Hex 21553D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21553D }
```

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

```
.background{ background-color:#21553D }
```

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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