

Converting Colors

Hex(24505D)

Have a look what the booklet for
Hex(24505D) contains.

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Color

Hex(24505D)

Conversions

Conversions Part 1

Format	Color
Hex	24505D
RGB	36, 80, 93
RGB Percent	14%, 31%, 36%
CMY	0.8588, 0.6863, 0.6353
CMYK	0.61, 0.14, 0.00, 0.64
HSL	194°, 44%, 25%
HSV	194°, 61%, 36%
XYZ	5.5720, 6.9027, 11.3946
YIQ	68.3260, -30.3970, -5.2850

Conversions

Conversions Part 2

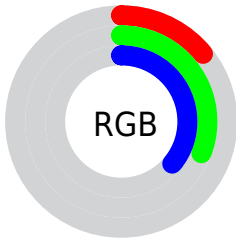
Format	Color
R_{YB}	36, 61, 93
Decimal	2379869
CIE _{Lab}	31.58, -10.87, -12.21
CIE _{LCh}	32, 16.345, 228.315
Yxy	6.9027, 0.2334, 0.2892
Android (android.graphics.Color)	4280569949 (0xFF24505D)
YUV	68.3260, 12.1643, -28.3499
Hunter-Lab	26.2730, -8.1213, -7.3230

Details

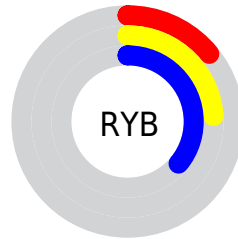
The Hex color **24505D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D3124**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **57818F**, and **00232F** is the 20% darker color. If you saturate the color by 10%, you get **1B4E5D**, and if you desaturate by 10%, it is **2D525D**.

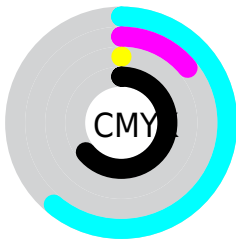
Distribution



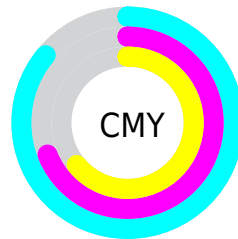
- Red (14%)
- Green (31%)
- Blue (36%)



- Red (14%)
- Yellow (24%)
- Blue (36%)



- Cyan (61%)
- Magenta (14%)
- Yellow (0%)
- Black (64%)



- Cyan (86%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24505D 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 24505D by changing the saturation by 10% instead.

■ 24505D

■ 24505D

FFFFFF

■ 063945

■ 57818F

■ 00232F

■ 709BAA

■ 000C1B

■ 8BB6C5

■ 000000

■ A6D2E1

■ C2EEFE

■ DEFFFF

■ FBFFFF

■ 24505D

■ 24505D

■ 1B4E5D

■ 2D525D

■ 114C5D

■ 37545D

■ 084A5D

■ 40565D

■ 00485D

■ 49585D

■ 525B5D

■ 5C5D5D

■ 655F5D

■ 6E615D

■ 78635D

Harmonies

Analogous

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



235152



24505D



324D63

Triad

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



24505D



604150



4B4C32

Complementary

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



24505D



5D3124

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.



584831



24505D



644143

Square

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



24505D



56445B



614438



3D4F39

Rectangle

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



24505D



3F4A63



614438



504B31

Sweetspot

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



24505D



627378



245D30



303A3D



BDBDBD



3D3D3D

Same Dimension

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



24505D



1F6478



24345D



292D2E



00556E



00B7ED

Inverse Universe

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



5D2450



781F64



5D4D24



2E292D



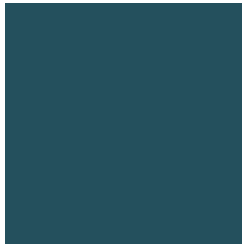
6E0055



ED00B7

Previews

White Background



This preview shows how the Hex color 24505D looks on a white background.

Color Contrast Check

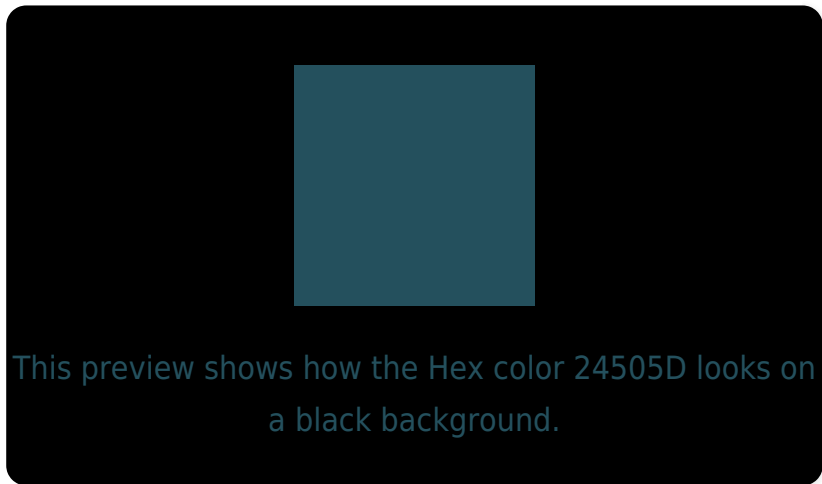
Large Text (above 18pt) WCAG AA ✓ Pass

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

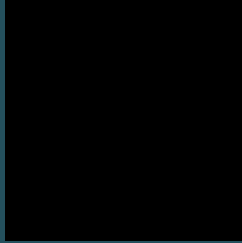
Any Text WCAG AA × Fail

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 24505D Background



This preview shows how black text looks on a background with the Hex color 24505D.



This preview shows how white text looks on a background with the Hex color 24505D.

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
24505D

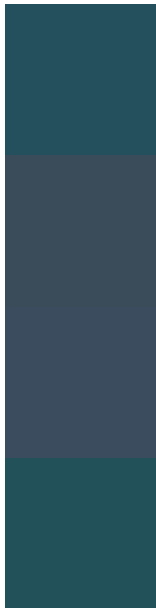
Protanopia
474958

Deuteranopia
46495F



Tritanopia
215157

Trichromacy



Original Color
24505D

Protanomaly
3A4C5A

Deuteranomaly
3A4C5E

Tritanomaly
225159

Monochromacy



Original Color
24505D

Achromatopsia
444444

Achromatomaly
38484D

CSS Examples

Text

The CSS property to change the color of the text to Hex 24505D 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 #24505D looks like.

```
.text, #text, p{  
    color:#24505D  
}
```

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 #24505D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24505D
}
```

Border

The CSS property to change the border of an element to Hex 24505D 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".

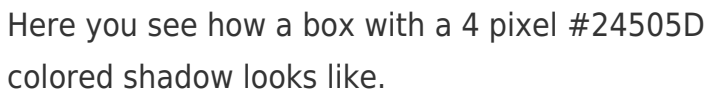
```
.border, #border, table{ border:4px solid
#24505D }
```

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

```
.border{ border-color:#24505D }
```

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

Here you see how a box with a 4 pixel #24505D colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24505D; -webkit-box-shadow:4px 4px  
4px 4px #24505D; box-shadow:4px 4px 4px  
4px #24505D }
```

Background

The CSS property to change the background color of an element to Hex 24505D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24505D }
```

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

```
.background{ background-color:#24505D }
```

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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