

# Converting Colors

Hex(454D5B)

Have a look what the booklet for  
Hex(454D5B) contains.

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# Color

Hex(454D5B)

# Conversions

## Conversions Part 1

Format	Color
Hex	454D5B
RGB	69, 77, 91
RGB Percent	27%, 30%, 36%
CMY	0.7294, 0.6980, 0.6431
CMYK	0.24, 0.15, 0.00, 0.64
HSL	218°, 14%, 31%
HSV	218°, 24%, 36%
XYZ	6.9964, 7.3283, 10.9433
YIQ	76.2040, -9.2620, 2.6580

# Conversions

## Conversions Part 2

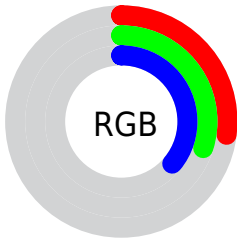
Format	Color
<a href="#">RYB</a>	<a href="#">69, 75, 91</a>
Decimal	<a href="#">4541787</a>
CIELab	<a href="#">32.54, 0.31, -9.29</a>
CIElCh	<a href="#">33, 9.298, 271.918</a>
Yxy	<a href="#">7.3283, 0.2769, 0.2900</a>
Android (android.graphics.Color)	<a href="#">4282731867</a> ( <a href="#">0xFF454D5B</a> )
YUV	<a href="#">76.2040, 7.2944, -6.3179</a>
Hunter-Lab	<a href="#">27.0708, -1.2407, -5.0182</a>

# Details

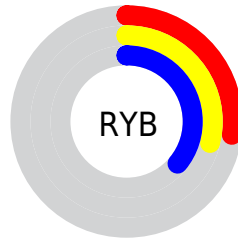
The Hex color **454D5B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5B5345**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **767E8D**, and **19212D** is the 20% darker color. If you saturate the color by 10%, you get **3C475B**, and if you desaturate by 10%, it is **4E535B**.

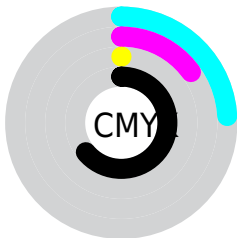
# Distribution



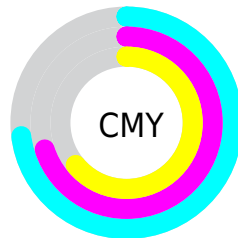
- Red (27%)
- Green (30%)
- Blue (36%)



- Red (27%)
- Yellow (29%)
- Blue (36%)



- Cyan (24%)
- Magenta (15%)
- Yellow (0%)
- Black (64%)



- Cyan (73%)
- Magenta (70%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 454D5B 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 454D5B by changing the saturation by 10% instead.





454D5B



454D5B

FFFFFF



2E3644



767E8D



19212D



8F98A8



000A19



AAB2C3



000000



C5CEDF



E1EAFB

FEFFFF



454D5B



454D5B



3C475B



4E535B

■ 33415B

■ 57595B

■ 2A3C5B

■ 605E5B

■ 21365B

■ 69645B

■ 17305B

■ 736A5B

■ 0E2A5B

■ 7C705B

■ 05245B

■ 85765B

■ 00215B

■ 8E7B5B

■ 97815B

# Harmonies

## Analogous

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



3D4F59



454D5B



4F4B59

# Triad

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



454D5B



5C4845



425045

# Complementary

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



454D5B



5B5345

# 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.



4A4E40



454D5B



584A40

# Square

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



454D5B



5B474C



524C3E



3B514D

# Rectangle

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



454D5B



544956



524C3E



445043



# Sweetspot

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



454D5B



6D7075



455B53



36383B



BABABA



3B3B3B



# Same Dimension

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



454D5B



536075



48455B



292B2E



00286E



0056ED



# Inverse Universe

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



5B454D



755360



585B45



2E292B



6E0028

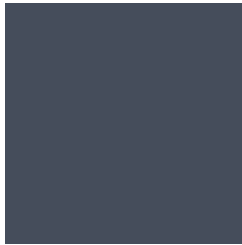


ED0056



# Previews

## White Background



This preview shows how the Hex color 454D5B looks on a white background.

## Color Contrast Check

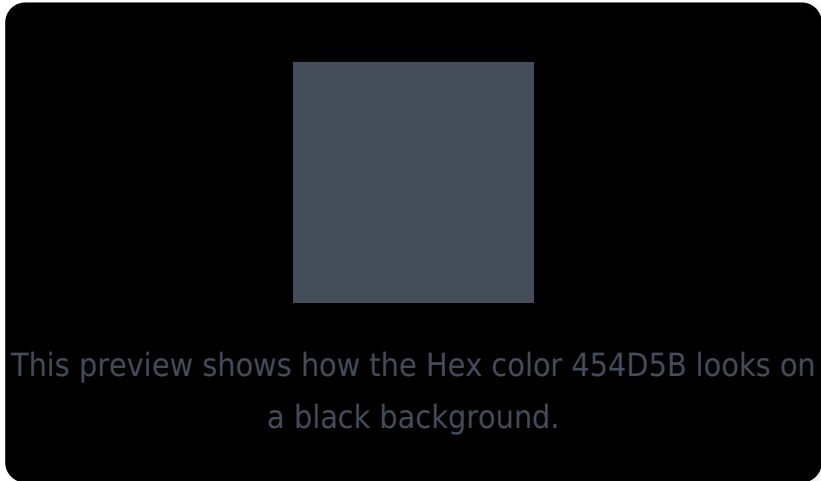
Large Text (above 18pt) WCAG AA ✓ Pass

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

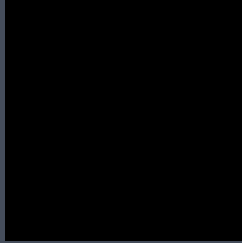
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

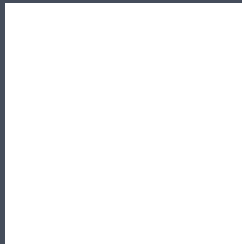
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 454D5B Background



This preview shows how black text looks on a background with the Hex color 454D5B.

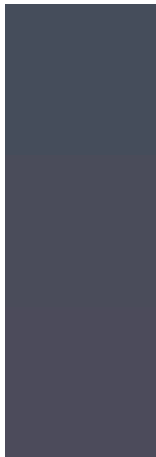


This preview shows how white text looks on a background with the Hex color 454D5B.

# 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**  
454D5B

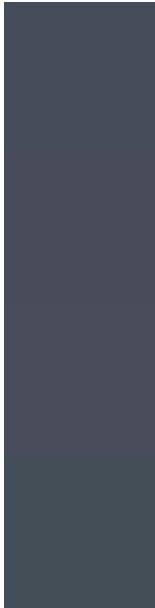
**Protanopia**  
4A4C5A

**Deuteranopia**  
4C4B5B



**Tritanopia**  
444E54

# Trichromacy



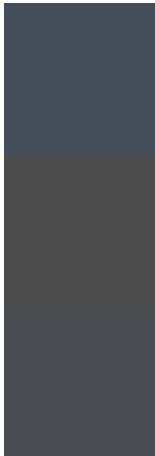
**Original Color**  
454D5B

**Protanomaly**  
484C5A

**Deuteranomaly**  
494C5B

**Tritanomaly**  
444E57

# Monochromacy



**Original Color**  
454D5B

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
494C51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 454D5B 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 #454D5B looks like.

```
.text, #text, p{  
    color:#454D5B  
}
```

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 #454D5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454D5B
}
```

## Border

The CSS property to change the border of an element to Hex 454D5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

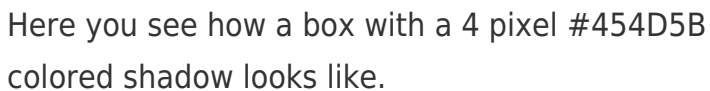
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#454D5B }
```

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

```
.border{ border-color:#454D5B }
```

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



Here you see how a box with a 4 pixel #454D5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454D5B; -webkit-box-shadow:4px 4px  
4px 4px #454D5B; box-shadow:4px 4px 4px  
4px #454D5B }
```

# Background

The CSS property to change the background color of an element to Hex 454D5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454D5B }
```

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

```
.background{ background-color:#454D5B }
```

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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