

Converting Colors

Hex(36454F)

Have a look what the booklet for
Hex(36454F) contains.

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Color

Hex(36454F)

Conversions

Conversions Part 1

Format	Color
Hex	36454F
RGB	54, 69, 79
RGB Percent	21%, 27%, 31%
CMY	0.7882, 0.7294, 0.6902
CMYK	0.32, 0.13, 0.00, 0.69
HSL	204°, 19%, 26%
HSV	204°, 32%, 31%
XYZ	5.0607, 5.6050, 8.2123
YIQ	65.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

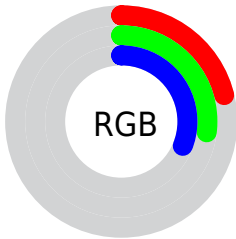
Format	Color
R_{YB}	54, 63, 79
Decimal	3556687
CIE Lab	28.39, -3.25, -7.96
CIE LCh	28, 8.598, 247.808
Yxy	5.6050, 0.2681, 0.2969
Android (android.graphics.Color)	4281746767 (0xFF36454F)
YUV	65.6550, 6.5791, -10.2214
Hunter-Lab	23.6749, -3.2752, -3.9939

Details

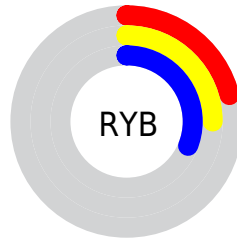
The Hex color **36454F** is a dark color, and the websafe version is hex **333333**, and the color name is **charcoal**. A complement of this color would be **4F4036**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **657580**, and **0B1A23** is the 20% darker color. If you saturate the color by 10%, you get **2E424F**, and if you desaturate by 10%, it is **3E484F**.

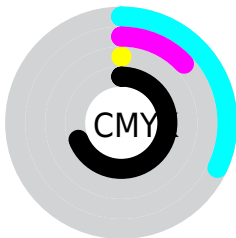
Distribution



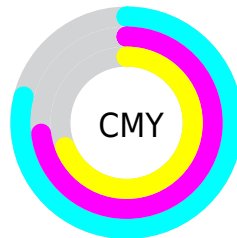
- Red (21%)
- Green (27%)
- Blue (31%)



- Red (21%)
- Yellow (25%)
- Blue (31%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)
- Black (69%)



- Cyan (79%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36454F 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 36454F by changing the saturation by 10% instead.

■ 36454F

■ 36454F

FFFFFF

■ 202F38

■ 657580

■ 0B1A23

■ 7F8F9A

■ 00000C

■ 99A9B5

■ 000000

■ B4C4D0

■ CFE0ED

■ ECFDFF

■ 36454F

■ 36454F

■ 2E424F

■ 3E484F

■ 263F4F

■ 464B4F

■ 1E3C4F

■ 4E4E4F

■ 16384F

■ 56524F

■ 0E354F

■ 5E554F

■ 07324F

■ 65584F

■ 002F4F

■ 6D5B4F

■ 755E4F

■ 7D614F

Harmonies

Analogous

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



32464B



36454F



3E4350

Triad

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



36454F



513E41



3F4538

Complementary

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



36454F



4F4036

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.



464336



36454F



503F3B

Square

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



36454F



4D3F48



4D4137



38463E

Rectangle

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



36454F



44414F



4D4137



414437

Sweetspot

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



36454F



5D6266



364F40



2D3133



B3B3B3



333333

Same Dimension

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



36454F



3F5666



36384F



222526



003D66



008AE6

Inverse Universe

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



4F3645



663F56



4F4D36



262225



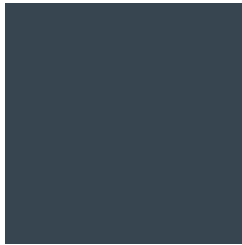
66003D



E6008A

Previews

White Background



This preview shows how the Hex color 36454F looks on a white background.

Color Contrast Check

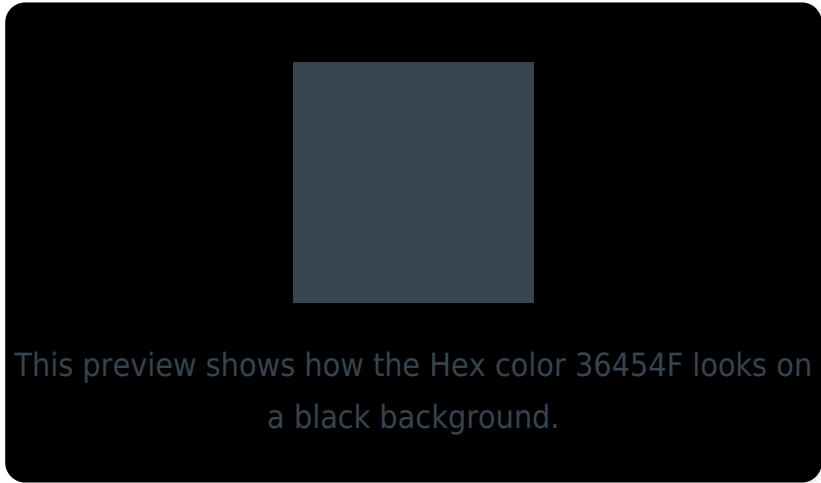
Large Text (above 18pt) WCAG AA ✓ Pass

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

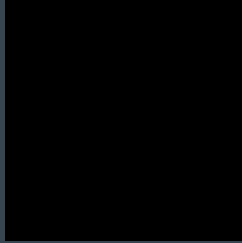
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

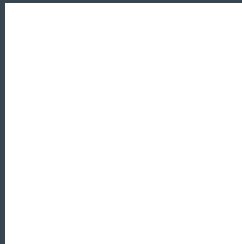
Any Text WCAG AAA × Fail

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

Hex 36454F Background



This preview shows how black text looks on a background with the Hex color 36454F.



This preview shows how white text looks on a background with the Hex color 36454F.

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
36454F

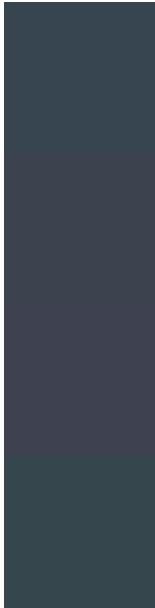
Protanopia
41424D

Deuteranopia
434150



Tritanopia
35464B

Trichromacy



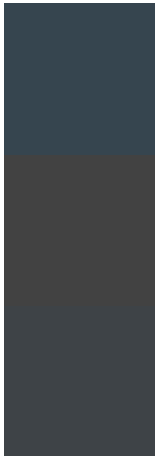
Original Color
36454F

Protanomaly
3D434E

Deuteranomaly
3E4250

Tritanomaly
35464C

Monochromacy



Original Color
36454F

Achromatopsia
424242

Achromatomaly
3E4347

CSS Examples

Text

The CSS property to change the color of the text to Hex 36454F 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 #36454F looks like.

```
.text, #text, p{  
    color:#36454F  
}
```

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 #36454F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36454F
}
```

Border

The CSS property to change the border of an element to Hex 36454F is called "border". The border property can be set on classes, ids or directly on the HTML element.

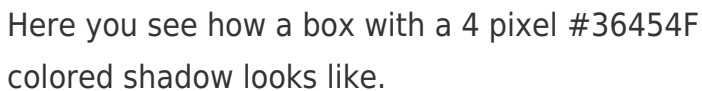
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#36454F }
```

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

```
.border{ border-color:#36454F }
```

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



Here you see how a box with a 4 pixel #36454F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36454F; -webkit-box-shadow:4px 4px  
4px 4px #36454F; box-shadow:4px 4px 4px  
4px #36454F }
```

Background

The CSS property to change the background color of an element to Hex 36454F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36454F }
```

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

```
.background{ background-color:#36454F }
```

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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