

Converting Colors

Hex(504762)

Have a look what the booklet for
Hex(504762) contains.

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Color

Hex(504762)

Conversions

Conversions Part 1

Format	Color
Hex	504762
RGB	80, 71, 98
RGB Percent	31%, 28%, 38%
CMY	0.6863, 0.7216, 0.6157
CMYK	0.18, 0.28, 0.00, 0.62
HSL	260°, 16%, 33%
HSV	260°, 28%, 38%
XYZ	7.7661, 7.0938, 12.5152
YIQ	76.7690, -3.3030, 10.3050

Conversions

Conversions Part 2

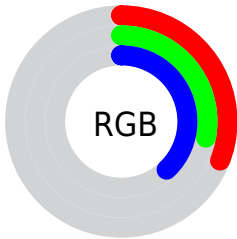
Format	Color
R_{YB}	80, 71, 98
Decimal	5261154
CIE _{Lab}	32.02, 9.99, -14.45
CIE _{LCh}	32, 17.565, 304.645
Yxy	7.0938, 0.2837, 0.2591
Android (android.graphics.Color)	4283451234 (0xFF504762)
YUV	76.7690, 10.4669, 2.8336
Hunter-Lab	26.6342, 5.4380, -9.2160

Details

The Hex color **504762** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **596247**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **827795**, and **231C33** is the 20% darker color. If you saturate the color by 10%, you get **493D62**, and if you desaturate by 10%, it is **575162**.

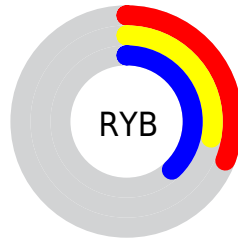
Distribution



Red (31%)

Green (28%)

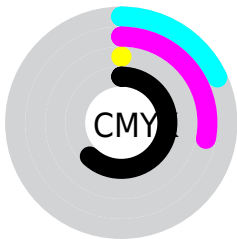
Blue (38%)



Red (31%)

Yellow (28%)

Blue (38%)

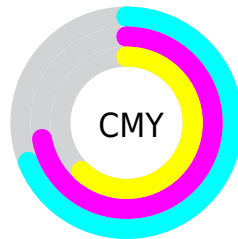


Cyan (18%)

Magenta (28%)

Yellow (0%)

Black (62%)



Cyan (69%)

Magenta (72%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 504762 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 504762 by changing the saturation by 10% instead.

■ 504762

■ 504762

FFFFFF

■ 39314A

■ 827795

■ 231C33

■ 9C91AF

■ 0F011F

■ B7ACCB

■ 000002

■ D2C7E7

■ 000000

■ EFE3FF

■ 504762

■ 504762

■ 493D62

■ 575162

■ 433362

■ 5D5B62

■ 3C2A62

■ 646462

■ 362062

■ 6A6E62

■ 2F1662

■ 717862

■ 290C62

■ 778262

■ 220262

■ 7E8C62

■ 210062

■ 849562

■ 8B9F62

Harmonies

Analogous

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



3C4C67



504762



5F4357

Triad

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



504762



5F4633



24534D

Complementary

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



504762



596247

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.



34523F



504762



534B30

Square

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



504762



66423C



444F34



1D525B

Rectangle

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



504762



65414E



444F34



295348

Sweetspot

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



504762



797580



475962



3C3940



BFBFBF



404040

Same Dimension

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



504762



635580



5E4762



2D2C30



250070



5000F0

Inverse Universe

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



624759



805571



4C6247



302C2F



70004B



F000A0

Previews

White Background



This preview shows how the Hex color 504762 looks on a white background.

Color Contrast Check

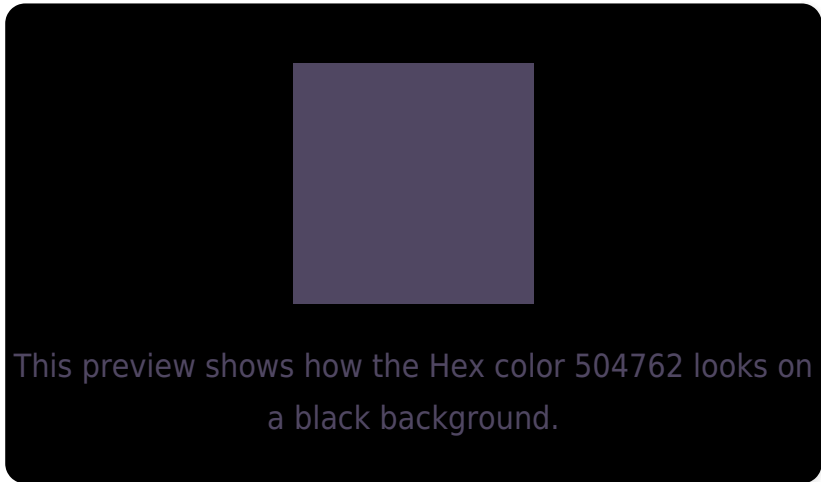
Large Text (above 18pt) WCAG AA ✓ Pass

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

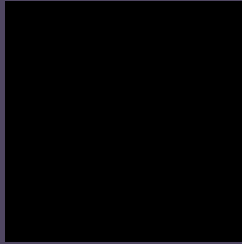
Any Text WCAG AA × Fail

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 504762 Background



This preview shows how black text looks on a background with the Hex color 504762.

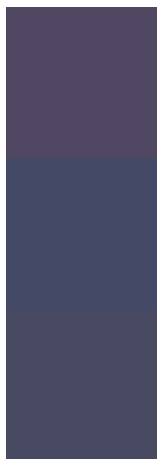


This preview shows how white text looks on a background with the Hex color 504762.

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

504762

Protanopia

444A65

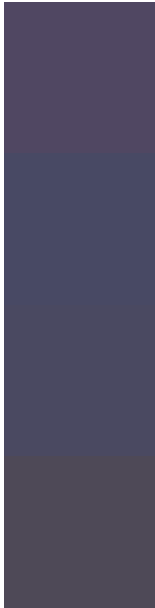
Deuteranopia

474A61



Tritanopia
4D4A50

Trichromacy



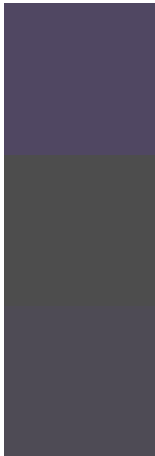
Original Color
504762

Protanomaly
484964

Deuteranomaly
4A4961

Tritanomaly
4E4957

Monochromacy



Original Color
504762

Achromatopsia
4D4D4D

Achromatomaly
4E4B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 504762 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 #504762 looks like.

```
.text, #text, p{  
    color:#504762  
}
```

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 #504762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504762
}
```

Border

The CSS property to change the border of an element to Hex 504762 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
#504762 }
```

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

```
.border{ border-color:#504762 }
```

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

Here you see how a box with a 4 pixel #504762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504762; -webkit-box-shadow:4px 4px  
4px 4px #504762; box-shadow:4px 4px 4px  
4px #504762 }
```

Background

The CSS property to change the background color of an element to Hex 504762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504762 }
```

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

```
.background{ background-color:#504762 }
```

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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