

Converting Colors

Hex(514973)

Have a look what the booklet for
Hex(514973) contains.

Hex(514973)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(514973)

Conversions

Conversions Part 1

Format	Color
Hex	514973
RGB	81, 73, 115
RGB Percent	32%, 29%, 45%
CMY	0.6824, 0.7137, 0.5490
CMYK	0.30, 0.37, 0.00, 0.55
HSL	251°, 22%, 37%
HSV	251°, 37%, 45%
XYZ	8.8704, 7.7522, 17.2485
YIQ	80.1800, -8.7140, 14.7580

Conversions

Conversions Part 2

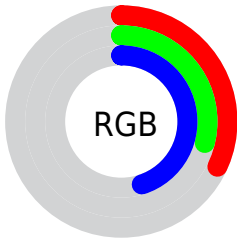
Format	Color
R_{YB}	81, 73, 115
Decimal	5327219
CIE _{Lab}	33.46, 13.60, -22.94
CIE _{LCh}	33, 26.668, 300.667
Yxy	7.7522, 0.2619, 0.2289
Android (android.graphics.Color)	4283517299 (0xFF514973)
YUV	80.1800, 17.1663, 0.7191
Hunter-Lab	27.8428, 8.1431, -17.2398

Details

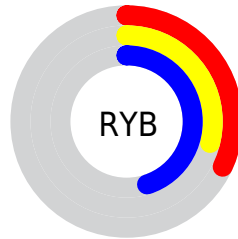
The Hex color **514973** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6B7349**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **837AA7**, and **221D43** is the 20% darker color. If you saturate the color by 10%, you get **483E73**, and if you desaturate by 10%, it is **5A5573**.

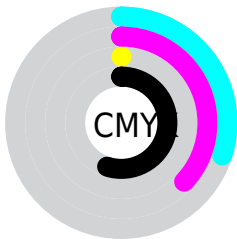
Distribution



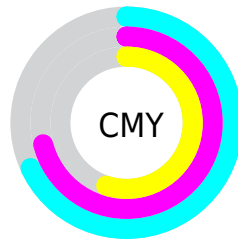
- Red (32%)
- Green (29%)
- Blue (45%)



- Red (32%)
- Yellow (29%)
- Blue (45%)



- Cyan (30%)
- Magenta (37%)
- Yellow (0%)
- Black (55%)



- Cyan (68%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 514973 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 514973 by changing the saturation by 10% instead.

■ 514973

■ 514973

FFFFFF

■ 39325A

■ 837AA7

■ 221D43

■ 9E93C2

■ 0E052C

■ B9AEDE

■ 000117

■ D5C9FB

■ 000000

■ F1E5FF

■ 514973

■ 514973

■ 483E73

■ 5A5573

■ 3E3273

■ 646073

■ 352773

■ 6D6C73

■ 2C1B73

■ 767773

■ 221073

■ 808373

■ 190473

■ 898E73

■ 160073

■ 929A73

■ 9BA573

■ A5B073

Harmonies

Analogous

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



2C5179



514973



694164

Triad

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



514973



6C462A



005A4E

Complementary

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



514973



6B7349

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.



2B5839



514973



5B4E24

Square

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



514973



76403A



455429



005964

Rectangle

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



514973



733E56



455429



115947

Sweetspot

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



514973



898696



496B73



44434D



CCCCCC



4D4D4D

Same Dimension

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



514973



615496



664973



36353B



17007A



3000FA

Inverse Universe

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



73496B



96548A



567349



3B353A



7A0063



FA00CA

Previews

White Background



This preview shows how the Hex color 514973 looks on a white background.

Color Contrast Check

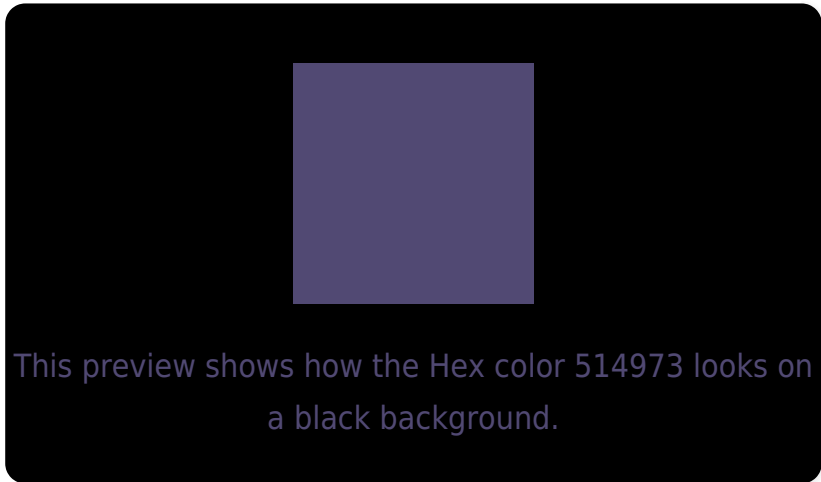
Large Text (above 18pt) WCAG AA ✓ Pass

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

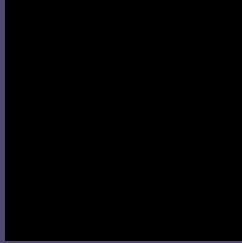
Any Text WCAG AA × Fail

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 514973 Background



This preview shows how black text looks on a background with the Hex color 514973.

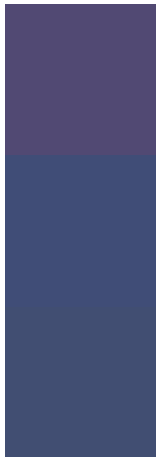


This preview shows how white text looks on a background with the Hex color 514973.

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
514973

Protanopia
404D77

Deuteranopia
414E72



Tritanopia
4B4F55

Trichromacy



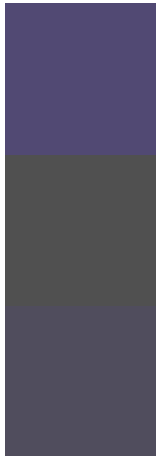
Original Color
514973

Protanomaly
464C76

Deuteranomaly
474C72

Tritanomaly
4D4D60

Monochromacy



Original Color
514973

Achromatopsia
505050

Achromatomaly
504D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 514973 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 #514973 looks like.

```
.text, #text, p{  
    color:#514973  
}
```

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 #514973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #514973
}
```

Border

The CSS property to change the border of an element to Hex 514973 is called "border". The border property can be set on classes, ids or directly on the HTML element.

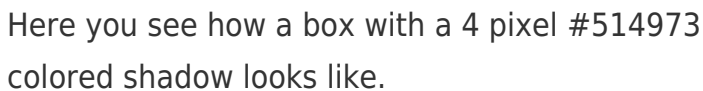
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#514973 }
```

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

```
.border{ border-color:#514973 }
```

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



Here you see how a box with a 4 pixel #514973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #514973; -webkit-box-shadow:4px 4px  
4px 4px #514973; box-shadow:4px 4px 4px  
4px #514973 }
```

Background

The CSS property to change the background color of an element to Hex 514973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#514973 }
```

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

```
.background{ background-color:#514973 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor