

Converting Colors

Hex(4E6591)

Have a look what the booklet for
Hex(4E6591) contains.

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Color

Hex(4E6591)

Conversions

Conversions Part 1

Format	Color
Hex	4E6591
RGB	78, 101, 145
RGB Percent	31%, 40%, 57%
CMY	0.6941, 0.6039, 0.4314
CMYK	0.46, 0.30, 0.00, 0.43
HSL	219°, 30%, 44%
HSV	219°, 46%, 57%
XYZ	12.9064, 12.9714, 28.6116
YIQ	99.1390, -27.8320, 8.8080

Conversions

Conversions Part 2

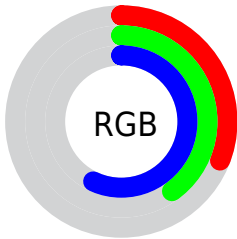
Format	Color
R_{YB}	78, 95, 145
Decimal	5137809
CIE _{Lab}	42.72, 3.89, -26.86
CIE _{LCh}	43, 27.141, 278.244
Yxy	12.9714, 0.2369, 0.2381
Android (android.graphics.Color)	4283327889 (0xFF4E6591)
YUV	99.1390, 22.6095, -18.5389
Hunter-Lab	36.0158, 0.9384, -21.8899

Details

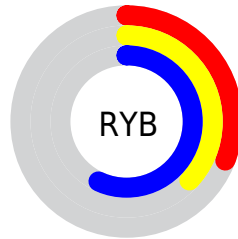
The Hex color **4E6591** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **917A4E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8298C7**, and **19375E** is the 20% darker color. If you saturate the color by 10%, you get **405B91**, and if you desaturate by 10%, it is **5D6F91**.

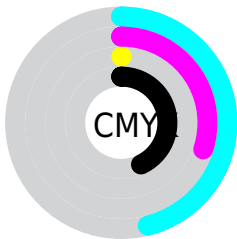
Distribution



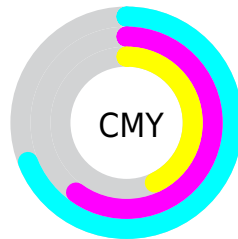
- Red (31%)
- Green (40%)
- Blue (57%)



- Red (31%)
- Yellow (37%)
- Blue (57%)



- Cyan (46%)
- Magenta (30%)
- Yellow (0%)
- Black (43%)



- Cyan (69%)
- Magenta (60%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6591 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 4E6591 by changing the saturation by 10% instead.

■ 4E6591

■ 4E6591

FFFFFF

■ 344D77

■ 8298C7

■ 19375E

■ 9DB2E3

■ 002246

■ B9CEFF

■ 000A30

■ D5EAFF

■ 00011A

■ F2FFFF

■ 000000

■ 4E6591

■ 4E6591

■ 405B91

■ 5D6F91

■ 315291

■ 6B7891

■ 234891

■ 7A8291

■ 143F91

■ 888B91

■ 063591

■ 979591

■ 003291

■ A59E91

■ B4A891

■ C2B191

■ D1BB91

Harmonies

Analogous

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



236C8E



4E6591



6F5D88

Triad

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



4E6591



8E574A



396F54

Complementary

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



4E6591



917A4E

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.



556C41



4E6591



815E3C

Square

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



4E6591



90535F



6D6638



14716B

Rectangle

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



4E6591



80587D



6D6638



436E4D

Sweetspot

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



4E6591



A2ABBD



4E917A



4E545E



DEDEDE



5E5E5E

Same Dimension

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



4E6591



5579BD



584E91



404347



002E87



000308

Inverse Universe

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



914E65



BD5579



87914E



474043



87002E



080003

Previews

White Background



This preview shows how the Hex color 4E6591 looks on a white background.

Color Contrast Check

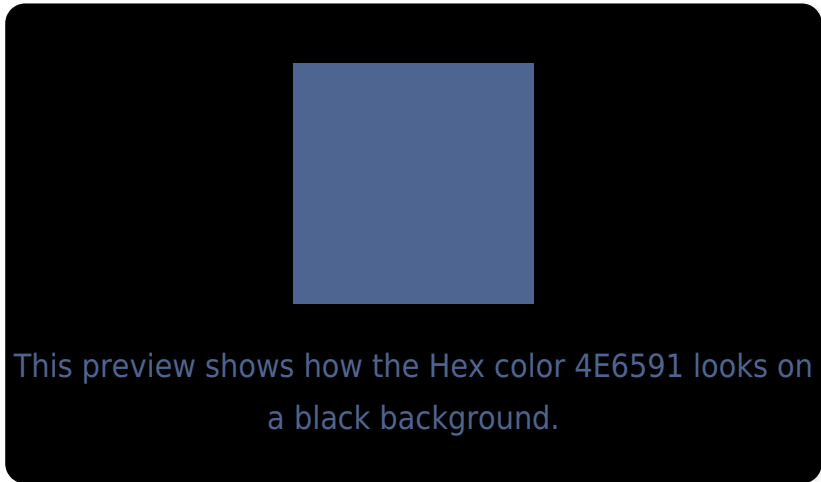
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

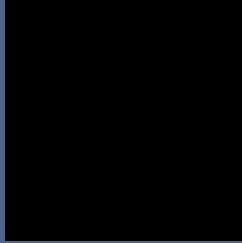
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

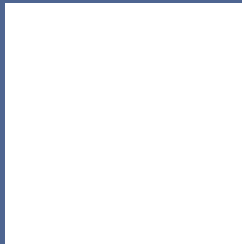
Any Text WCAG AAA × Fail

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

Hex 4E6591 Background



This preview shows how black text looks on a background with the Hex color 4E6591.

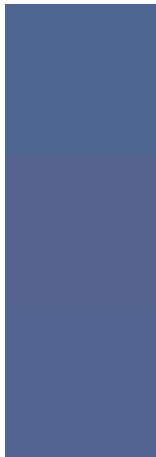


This preview shows how white text looks on a background with the Hex color 4E6591.

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
4E6591

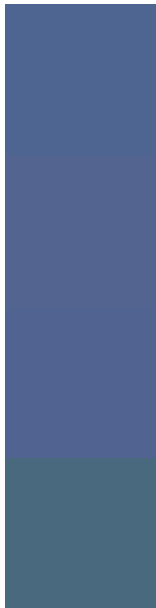
Protanopia
57638F

Deuteranopia
536491



Tritanopia
456B73

Trichromacy



Original Color
4E6591

Protanomaly
546490

Deuteranomaly
516491

Tritanomaly
48697E

Monochromacy



Original Color
4E6591

Achromatopsia
636363

Achromatomaly
5B6474

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6591 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 #4E6591 looks like.

```
.text, #text, p{  
    color:#4E6591  
}
```

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 #4E6591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6591
}
```

Border

The CSS property to change the border of an element to Hex 4E6591 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
#4E6591 }
```

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

```
.border{ border-color:#4E6591 }
```

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

Here you see how a box with a 4 pixel #4E6591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6591; -webkit-box-shadow:4px 4px  
4px 4px #4E6591; box-shadow:4px 4px 4px  
4px #4E6591 }
```

Background

The CSS property to change the background color of an element to Hex 4E6591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6591 }
```

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

```
.background{ background-color:#4E6591 }
```

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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