

Converting Colors

Hex(461564)

Have a look what the booklet for
Hex(461564) contains.

Hex(461564)	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>	28

Color

Hex(461564)

Conversions

Conversions Part 1

Format	Color
Hex	461564
RGB	70, 21, 100
RGB Percent	27%, 8%, 39%
CMY	0.7255, 0.9176, 0.6078
CMYK	0.30, 0.79, 0.00, 0.61
HSL	277°, 65%, 24%
HSV	277°, 79%, 39%
XYZ	5.0942, 2.7585, 12.3205
YIQ	44.6570, 3.8450, 34.9570

Conversions

Conversions Part 2

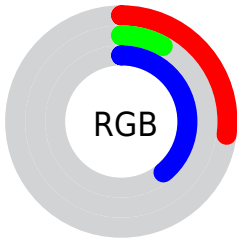
Format	Color
R_{YB}	70, 21, 100
Decimal	4592996
CIE _{Lab}	19.05, 37.44, -36.31
CIE _{LCh}	19, 52.152, 315.882
Yxy	2.7585, 0.2525, 0.1367
Android (android.graphics.Color)	4282783076 (0xFF461564)
YUV	44.6570, 27.2841, 22.2258
Hunter-Lab	16.6088, 25.6836, -32.3557

Details

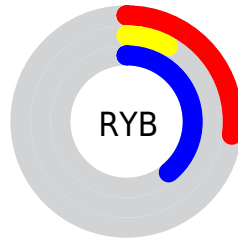
The Hex color **461564** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **336415**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7A4698**, and **190035** is the 20% darker color. If you saturate the color by 10%, you get **420B64**, and if you desaturate by 10%, it is **4A1F64**.

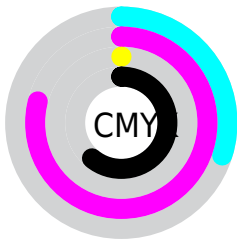
Distribution



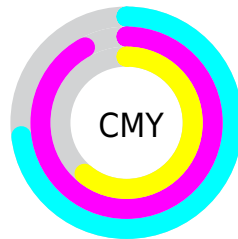
- Red (27%)
- Green (8%)
- Blue (39%)



- Red (27%)
- Yellow (8%)
- Blue (39%)



- Cyan (30%)
- Magenta (79%)
- Yellow (0%)
- Black (61%)



- Cyan (73%)
- Magenta (92%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 461564 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 461564 by changing the saturation by 10% instead.

 461564

 461564

FFFFFF

 2D004C

 7A4698

 190035

 945EB3

 00021E

 B078CE

 000000

 CC92EB

 E9ADFF

 FFC9FF

 FFE5FF

 461564

 461564

■ 420B64

■ 4A1F64

■ 3E0164

■ 4E2964

■ 3E0064

■ 513364

■ 553D64

■ 594764

■ 5D5164

■ 615B64

■ 646564

■ 686F64

Harmonies

Analogous

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



002D79



461564



660042

Triad

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



461564



492600



003D42

Complementary

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



461564



336415

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.



003C1A



461564



273300

Square

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



461564



610B00



003900



003C65

Rectangle

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



461564



6D0029



003900



003D35

Sweetspot

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



461564



766382



153364



3B2F42



C2C2C2



424242

Same Dimension

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



461564



530782



64155B



312E33



470073



9600F2

Inverse Universe

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



641533



820735



15641E



332E30



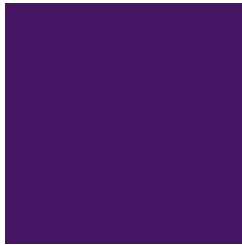
73002C



F2005C

Previews

White Background



This preview shows how the Hex color 461564 looks on a white background.

Color Contrast Check

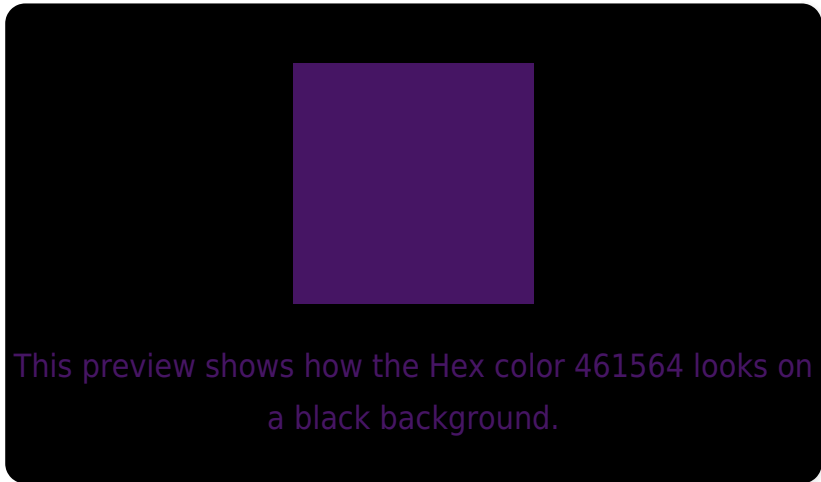
Large Text (above 18pt) WCAG AA ✓ Pass

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

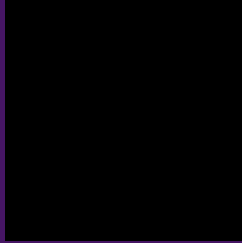
Any Text WCAG AA × Fail

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 461564 Background



This preview shows how black text looks on a background with the Hex color 461564.



This preview shows how white text looks on a background with the Hex color 461564.

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
461564

Tritanopia
3D2B2E

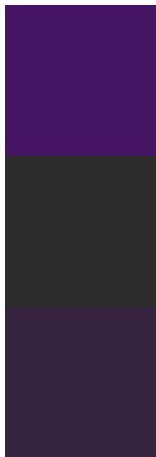
Trichromacy



Original Color
461564

Tritanomaly
402342

Monochromacy



Original Color
461564

Achromatopsia
2D2D2D

Achromatomaly
362441

CSS Examples

Text

The CSS property to change the color of the text to Hex 461564 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 #461564 looks like.

```
.text, #text, p{  
    color:#461564  
}
```

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 #461564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461564
}
```

Border

The CSS property to change the border of an element to Hex 461564 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
#461564 }
```

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

```
.border{ border-color:#461564 }
```

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

Here you see how a box with a 4 pixel #461564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461564; -webkit-box-shadow:4px 4px  
4px 4px #461564; box-shadow:4px 4px 4px  
4px #461564 }
```

Background

The CSS property to change the background color of an element to Hex 461564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461564 }
```

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

```
.background{ background-color:#461564 }
```

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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