

Converting Colors

Hex(4D1569)

Have a look what the booklet for
Hex(4D1569) contains.

Hex(4D1569)	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(4D1569)

Conversions

Conversions Part 1

Format	Color
Hex	4D1569
RGB	77, 21, 105
RGB Percent	30%, 8%, 41%
CMY	0.6980, 0.9176, 0.5882
CMYK	0.27, 0.80, 0.00, 0.59
HSL	280°, 67%, 25%
HSV	280°, 80%, 41%
XYZ	5.8785, 3.1340, 13.6597
YIQ	47.3200, 6.4120, 37.9960

Conversions

Conversions Part 2

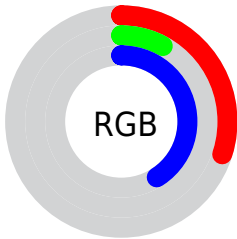
Format	Color
R_{YB}	77, 21, 105
Decimal	5051753
CIE _{Lab}	20.57, 40.09, -37.06
CIE _{LCh}	21, 54.599, 317.247
Yxy	3.1340, 0.2593, 0.1382
Android (android.graphics.Color)	4283241833 (0xFF4D1569)
YUV	47.3200, 28.4362, 26.0294
Hunter-Lab	17.7032, 28.2922, -33.3556

Details

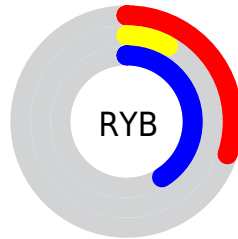
The Hex color **4D1569** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **316915**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **81479D**, and **1F0039** is the 20% darker color. If you saturate the color by 10%, you get **4A0A69**, and if you desaturate by 10%, it is **512069**.

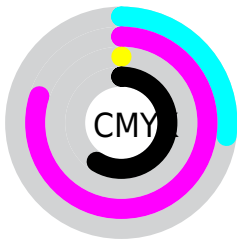
Distribution



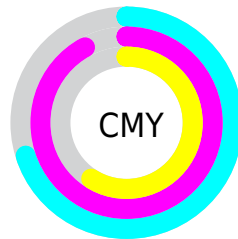
- Red (30%)
- Green (8%)
- Blue (41%)



- Red (30%)
- Yellow (8%)
- Blue (41%)



- Cyan (27%)
- Magenta (80%)
- Yellow (0%)
- Black (59%)



- Cyan (70%)
- Magenta (92%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D1569 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 4D1569 by changing the saturation by 10% instead.



4D1569



4D1569

FFFFFF



340050



81479D



1F0039



9C60B8



000222



B87AD4



000009



D494F1



000000



F1AFFE



FFCBFF



FFE8FF



4D1569



4D1569

■ 4A0A69

■ 512069

■ 460069

■ 542A69

■ 583569

■ 5B3F69

■ 5F4A69

■ 625469

■ 665F69

■ 696969

■ 6C7469

Harmonies

Analogous

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



002F80



4D1569



6D0044

Triad

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



4D1569



4C2A00



004148

Complementary

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



4D1569



316915

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.



00401E



4D1569



283700

Square

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



4D1569



660E00



003D00



00416D

Rectangle

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



4D1569



74002A



003D00



00413B

Sweetspot

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



4D1569



7F698A



153169



3E3145



C4C4C4



454545

Same Dimension

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



4D1569



5E068A



69155B



343036



4E0075



A300F5

Inverse Universe

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



691531



8A0632



156923



363032



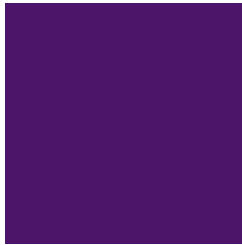
750027



F50052

Previews

White Background



This preview shows how the Hex color 4D1569 looks on a white background.

Color Contrast Check

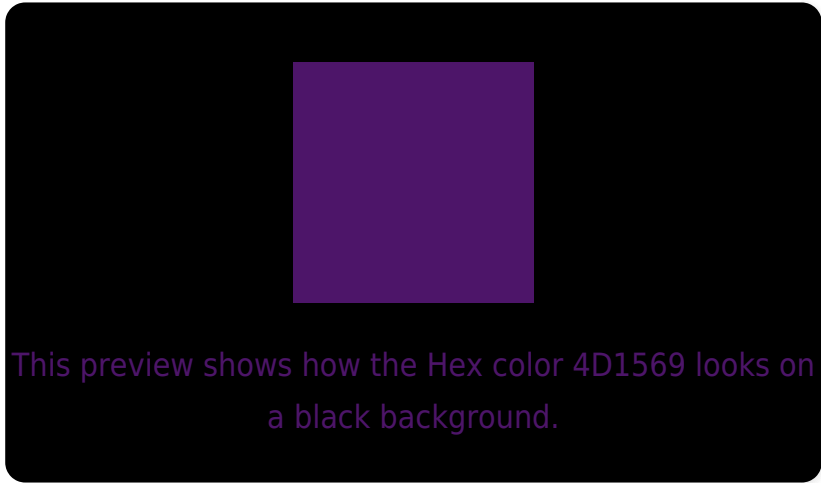
Large Text (above 18pt) WCAG AA ✓ Pass

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

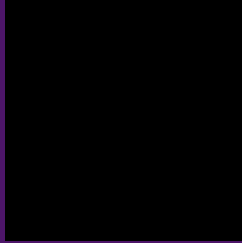
Any Text WCAG AA × Fail

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 4D1569 Background



This preview shows how black text looks on a background with the Hex color 4D1569.

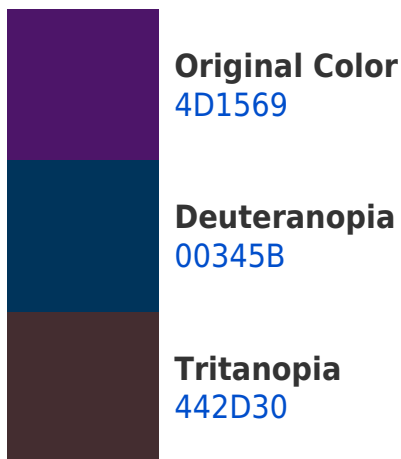


This preview shows how white text looks on a background with the Hex color 4D1569.

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



Trichromacy

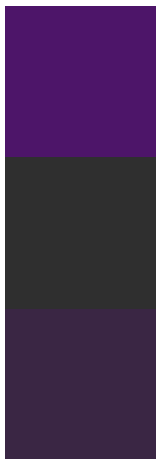


Original Color
4D1569

Deuteranomaly
1C2960

Tritanomaly
472445

Monochromacy



Original Color
4D1569

Achromatopsia
2F2F2F

Achromatomaly
3A2644

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D1569 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 #4D1569 looks like.

```
.text, #text, p{  
    color:#4D1569  
}
```

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 #4D1569 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D1569  
}
```

Border

The CSS property to change the border of an element to Hex 4D1569 is called "border". The border property can be set on classes, ids or directly on the HTML element.

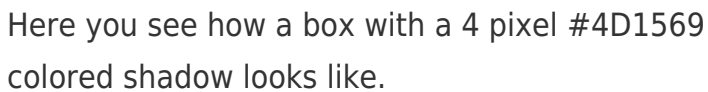
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4D1569 }
```

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

```
.border{ border-color:#4D1569 }
```

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



Here you see how a box with a 4 pixel #4D1569 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D1569; -webkit-box-shadow:4px 4px  
4px 4px #4D1569; box-shadow:4px 4px 4px  
4px #4D1569 }
```

Background

The CSS property to change the background color of an element to Hex 4D1569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D1569 }
```

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

```
.background{ background-color:#4D1569 }
```

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