

Converting Colors

Hex(CD3175)

Have a look what the booklet for
Hex(CD3175) contains.

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Color

Hex(CD3175)

Conversions

Conversions Part 1

Format	Color
Hex	CD3175
RGB	205, 49, 117
RGB Percent	80%, 19%, 46%
CMY	0.1961, 0.8078, 0.5412
CMYK	0.00, 0.76, 0.43, 0.20
HSL	334°, 61%, 50%
HSV	334°, 76%, 80%
XYZ	29.4860, 16.4601, 18.4527
YIQ	103.3960, 71.1480, 54.2200

Conversions

Conversions Part 2

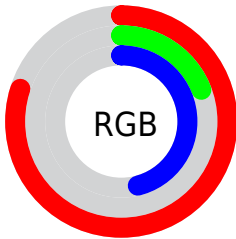
Format	Color
R_{YB}	205, 49, 117
Decimal	13447541
CIE _{Lab}	47.57, 64.46, -1.07
CIE _{LCh}	48, 64.467, 359.048
Yxy	16.4601, 0.4579, 0.2556
Android (android.graphics.Color)	4291637621 (0xFFCD3175)
YUV	103.3960, 6.7068, 89.1067
Hunter-Lab	40.5711, 58.7300, 1.4333

Details

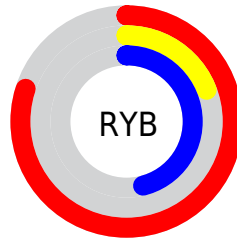
The Hex color **CD3175** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **31CD89**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF6EA9**, and **910045** is the 20% darker color. If you saturate the color by 10%, you get **CD1D69**, and if you desaturate by 10%, it is **CD4681**.

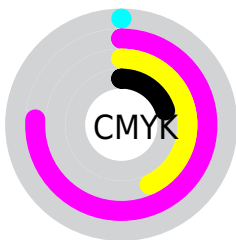
Distribution



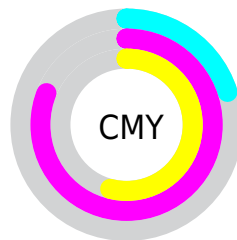
- Red (80%)
- Green (19%)
- Blue (46%)



- Red (80%)
- Yellow (19%)
- Blue (46%)



- Cyan (0%)
- Magenta (76%)
- Yellow (43%)
- Black (20%)



- Cyan (20%)
- Magenta (81%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD3175 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 CD3175 by changing the saturation by 10% instead.

 CD3175

 CD3175

FFFFFF

 AF005C

 FF6EA9

 910045

 FF8AC4

 74002F

 FFA7E0

 57001B

 FFC4FD

 3C0003

 FFE1FF

 170000

 000000

 CD3175

 CD3175

 CD1D69

 CD4681

CD085E

CD5A8C

CD0059

CD6F98

CD83A3

CD98AF

CDACBA

CDC1C6

CDD5D2

CDEADD

Harmonies

Analogous

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



AF46AA



CD3175



CC3C40

Triad

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



CD3175



547D00



0084CE

Complementary

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



CD3175



31CD89

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.



0089A4



CD3175



008535

Square

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



CD3175



8A6E00



00896D



0078DE

Rectangle

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



CD3175



BD4E1D



00896D



0086C2

Sweetspot

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



CD3175



FFC4DE



8731CD



805C6B



000000



808080

Same Dimension

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



CD3175



FF177C



CD3931



665C60



A60048



260011

Inverse Universe

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



CD3175



FF177C



31C5CD



665C60



A60048



260011

Previews

White Background



This preview shows how the Hex color CD3175 looks on a white background.

Color Contrast Check

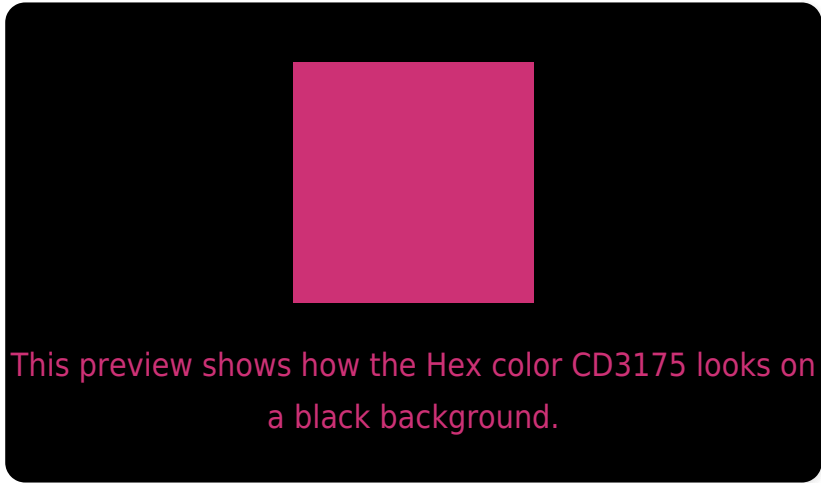
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD3175 Background



This preview shows how black text looks on a background with the Hex color CD3175.



This preview shows how white text looks on a background with the Hex color CD3175.

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](#).

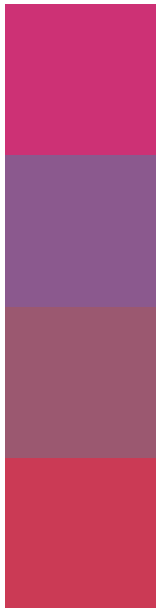
Dichromacy





Tritanopia
CA3F42

Trichromacy



Original Color
CD3175

Protanomaly
8B598E

Deuteranomaly
9B5870

Tritanomaly
CB3A55

Monochromacy



Original Color
CD3175

Achromatopsia
676767

Achromatomaly
8C536C

CSS Examples

Text

The CSS property to change the color of the text to Hex CD3175 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 #CD3175 looks like.

```
.text, #text, p{  
    color:#CD3175  
}
```

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 #CD3175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD3175
}
```

Border

The CSS property to change the border of an element to Hex CD3175 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
#CD3175 }
```

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

```
.border{ border-color:#CD3175 }
```

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

Here you see how a box with a 4 pixel #CD3175 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD3175; -webkit-box-shadow:4px 4px  
4px 4px #CD3175; box-shadow:4px 4px 4px  
4px #CD3175 }
```

Background

The CSS property to change the background color of an element to Hex CD3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD3175 }
```

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

```
.background{ background-color:#CD3175 }
```

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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