

Converting Colors

Hex(969D45)

Have a look what the booklet for
Hex(969D45) contains.

Hex(969D45)	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(969D45)

Conversions

Conversions Part 1

Format	Color
Hex	969D45
RGB	150, 157, 69
RGB Percent	59%, 62%, 27%
CMY	0.4118, 0.3843, 0.7294
CMYK	0.04, 0.00, 0.56, 0.38
HSL	65°, 39%, 44%
HSV	65°, 56%, 62%
XYZ	25.7088, 31.0276, 10.2642
YIQ	144.8750, 24.0760, -28.8520

Conversions

Conversions Part 2

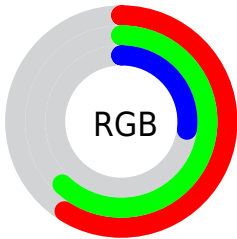
Format	Color
RYB	69, 157, 76
Decimal	9870661
CIELab	62.53, -15.14, 44.38
CIELCh	63, 46.886, 108.835
Yxy	31.0276, 0.3837, 0.4631
Android (android.graphics.Color)	4288060741 (0xFF969D45)
YUV	144.8750, -37.4064, 4.4946
Hunter-Lab	55.7025, -15.0947, 28.0665

Details

The Hex color **969D45** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4C459D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **CED378**, and **616A11** is the 20% darker color. If you saturate the color by 10%, you get **959D35**, and if you desaturate by 10%, it is **979D55**.

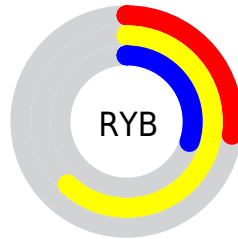
Distribution



Red (59%)

Green (62%)

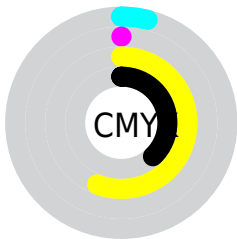
Blue (27%)



Red (27%)

Yellow (62%)

Blue (30%)

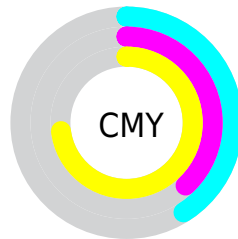


Cyan (4%)

Magenta (0%)

Yellow (56%)

Black (38%)



Cyan (41%)

Magenta (38%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 969D45 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 969D45 by changing the saturation by 10% instead.



969D45



969D45

FFFFFF



7B832C



CED378



616A11



EBF093



475200



FFFFAE



2F3B00



FFFFCA



162500



FFFFE6



001000



000000



969D45



969D45



959D35



979D55

 949D26

 989D64

 929D16

 9A9D74

 919D06

 9B9D84

 919D00

 9C9D93

 9D9DA3

 9F9DB3

 A09DC3

 A19DD2

Harmonies

Analogous

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



BD8F44



969D45



66A65E

Triad

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



969D45



00A9D5



DC76A9

Complementary

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



969D45



4C459D

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.



BB82CE



969D45



00A0E8

Square

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



969D45



00ACB1



8192E6



E6757F

Rectangle

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



969D45



39AA78



8192E6



D479B6

Sweetspot

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



969D45



C9CCA9



9D4B45



646652



E6E6E6



666666

Same Dimension

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



969D45



C1CC43



6B9D45



4E4F47



838F00



0E0F00

Inverse Universe

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



4C459D



4E43CC



77459D



48474F



0B008F



01000F

Previews

White Background



This preview shows how the Hex color 969D45 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

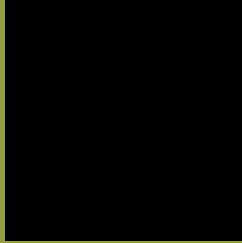
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 969D45 Background



This preview shows how black text looks on a background with the Hex color 969D45.



This preview shows how white text looks on a background with the Hex color 969D45.

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
969D45

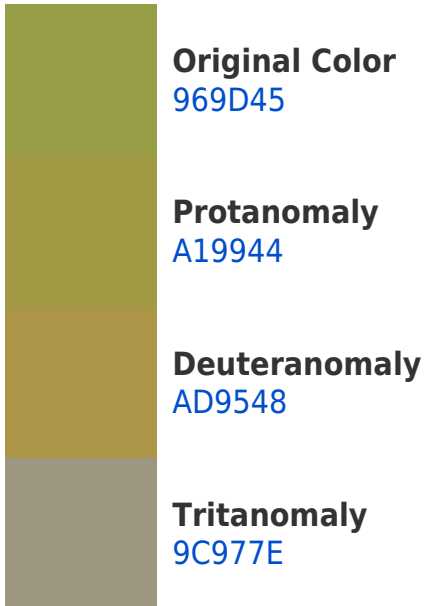
Protanopia
A89743

Deuteranopia
BA9049



Tritanopia
9F949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 969D45 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 #969D45 looks like.

```
.text, #text, p{  
    color:#969D45  
}
```

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 #969D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #969D45
}
```

Border

The CSS property to change the border of an element to Hex 969D45 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
#969D45 }
```

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

```
.border{ border-color:#969D45 }
```

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

Here you see how a box with a 4 pixel #969D45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #969D45; -webkit-box-shadow:4px 4px  
4px 4px #969D45; box-shadow:4px 4px 4px  
4px #969D45 }
```

Background

The CSS property to change the background color of an element to Hex 969D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#969D45 }
```

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

```
.background{ background-color:#969D45 }
```

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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