

Converting Colors

Hex(4D9553)

Have a look what the booklet for
Hex(4D9553) contains.

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Color

Hex(4D9553)

Conversions

Conversions Part 1

Format	Color
Hex	4D9553
RGB	77, 149, 83
RGB Percent	30%, 58%, 33%
CMY	0.6980, 0.4157, 0.6745
CMYK	0.48, 0.00, 0.44, 0.42
HSL	125°, 32%, 44%
HSV	125°, 48%, 58%
XYZ	15.3693, 23.6972, 11.9476
YIQ	119.9480, -21.7260, -35.7900

Conversions

Conversions Part 2

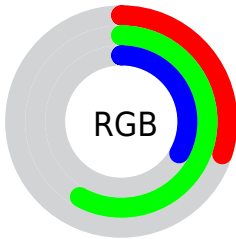
Format	Color
RYB	77, 143, 149
Decimal	5084499
CIELab	55.78, -37.01, 28.01
CIElCh	56, 46.417, 142.876
Yxy	23.6972, 0.3013, 0.4645
Android (android.graphics.Color)	4283274579 (0xFF4D9553)
YUV	119.9480, -18.2154, -37.6654
Hunter-Lab	48.6798, -28.8330, 19.5242

Details

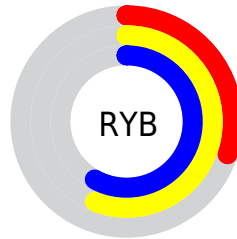
The Hex color **4D9553** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **954D8F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **82CC85**, and **136124** is the 20% darker color. If you saturate the color by 10%, you get **3E9545**, and if you desaturate by 10%, it is **5C9561**.

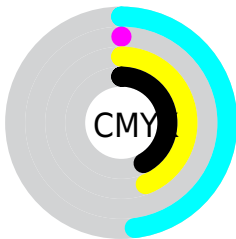
Distribution



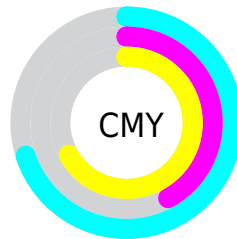
- Red (30%)
- Green (58%)
- Blue (33%)



- Red (30%)
- Yellow (56%)
- Blue (58%)



- Cyan (48%)
- Magenta (0%)
- Yellow (44%)
- Black (42%)



- Cyan (70%)
- Magenta (42%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D9553 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 4D9553 by changing the saturation by 10% instead.



4D9553



4D9553

FFFFFF



327B3B



82CC85



136124



9EE8A0



00490D



BAFFBB



003100



D6FFD7



001D00



F3FFF4



000000



4D9553



4D9553



3E9545



5C9561



2F9538



6B956E

 20952A

 7A957C

 11951C

 89958A

 02950F

 989597

 00950C

 A695A5

 B595B3

 C495C0

 D395CE

Harmonies

Analogous

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



7E8D37



4D9553



00997A

Triad

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



4D9553



008DD5



D06569

Complementary

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



4D9553



954D8F

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.



CB6391



4D9553



787FD0

Square

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



4D9553



0096C5



AE6FB7



C27146

Rectangle

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



4D9553



009A96



AE6FB7



D16376

Sweetspot

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



4D9553



A7C2A9



8F954D



506152



E0E0E0



616161

Same Dimension

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



4D9553



51C25B



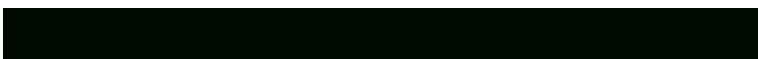
4D9577



434A43



008A0B



000A01

Inverse Universe

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



954D8F



C251B8



954D6B



4A4349



8A007E



0A0009

Previews

White Background



This preview shows how the Hex color 4D9553 looks on a white background.

Color Contrast Check

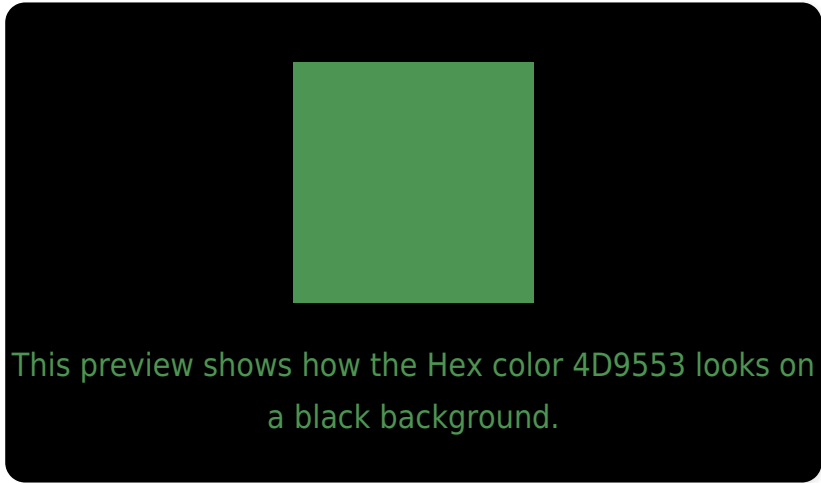
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex 4D9553 Background



This preview shows how black text looks on a background with the Hex color 4D9553.




This preview shows how white text looks on a background with the Hex color 4D9553.

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
5C8D98

Trichromacy



Original Color
4D9553



Protanomaly
798B4F



Deuteranomaly
818756



Tritanomaly
57907F

Monochromacy



Original Color
4D9553



Achromatopsia
787878



Achromatomaly
68836B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D9553 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 #4D9553 looks like.

```
.text, #text, p{  
    color:#4D9553  
}
```

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 #4D9553 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9553
}
```

Border

The CSS property to change the border of an element to Hex 4D9553 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
#4D9553 }
```

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

```
.border{ border-color:#4D9553 }
```

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

Here you see how a box with a 4 pixel #4D9553 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9553; -webkit-box-shadow:4px 4px  
4px 4px #4D9553; box-shadow:4px 4px 4px  
4px #4D9553 }
```

Background

The CSS property to change the background color of an element to Hex 4D9553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9553 }
```

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

```
.background{ background-color:#4D9553 }
```

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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