

Converting Colors

Hex(05A452)

Have a look what the booklet for
Hex(05A452) contains.

Hex(05A452)	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(05A452)

Conversions

Conversions Part 1

Format	Color
Hex	05A452
RGB	5, 164, 82
RGB Percent	2%, 64%, 32%
CMY	0.9804, 0.3569, 0.6784
CMYK	0.97, 0.00, 0.50, 0.36
HSL	149°, 94%, 33%
HSV	149°, 97%, 64%
XYZ	14.8610, 27.1924, 12.4480
YIQ	107.1110, -68.4420, -59.2100

Conversions

Conversions Part 2

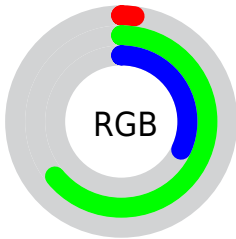
Format	Color
RYB	5, 112, 164
Decimal	369746
CIELab	59.15, -54.57, 32.50
CIElCh	59, 63.514, 149.219
Yxy	27.1924, 0.2727, 0.4989
Android (android.graphics.Color)	4278559826 (0xFF05A452)
YUV	107.1110, -12.3797, -89.5513
Hunter-Lab	52.1463, -40.3858, 22.3491

Details

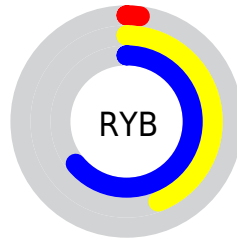
The Hex color **05A452** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A40557**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5BDC85**, and **006F22** is the 20% darker color. If you saturate the color by 10%, you get **00A44F**, and if you desaturate by 10%, it is **15A45A**.

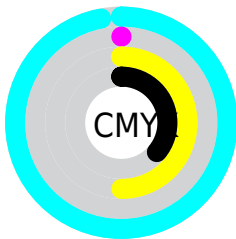
Distribution



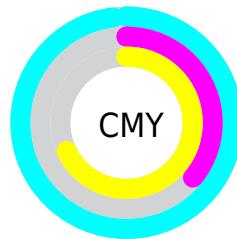
- Red (2%)
- Green (64%)
- Blue (32%)



- Red (2%)
- Yellow (44%)
- Blue (64%)



- Cyan (97%)
- Magenta (0%)
- Yellow (50%)
- Black (36%)



- Cyan (98%)
- Magenta (36%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05A452 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 05A452 by changing the saturation by 10% instead.



05A452



05A452

FFFFFF



00893A



5BDC85



006F22



79F99F



005508



97FFBB



003C00



B5FFD7



002600



D3FFF3



000000



F1FFFF



05A452



05A452



00A44F



15A45A

 26A463

 36A46B

 47A474

 57A47C

 67A485

 78A48D

 88A496

 99A49E

Harmonies

Analogous

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



749B1F



05A452



00A88B

Triad

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



05A452



0095FE



EF5F5B

Complementary

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



05A452



A40557

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.



EF5692



05A452



8A80F0

Square

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



05A452



00A2EE



D067C8



D6752B

Rectangle

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



05A452



00A8B2



D067C8



F2596D

Sweetspot

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



05A452



98D6B6



57A405



466B58



EBEBEB



6B6B6B

Same Dimension

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



05A452



00D668



05A4A1



49524D



009146



001209

Inverse Universe

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



A40557



D6006E



A40508



52494E



91004B



120009

Previews

White Background



This preview shows how the Hex color 05A452 looks on a white background.

Color Contrast Check

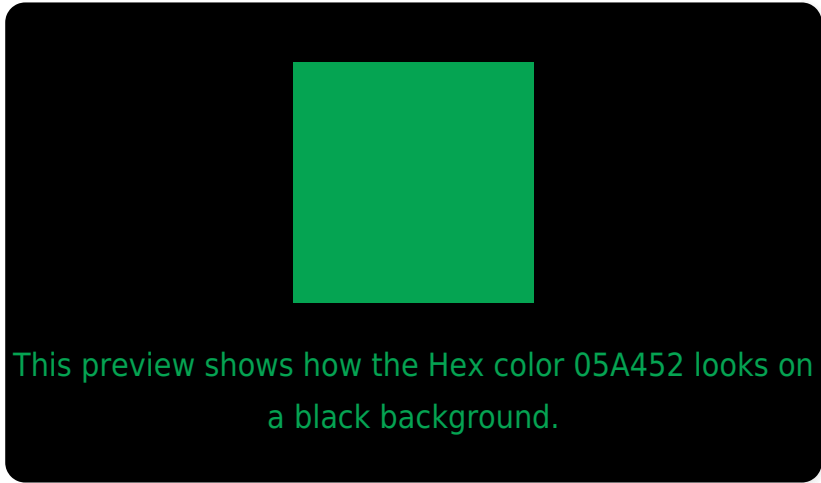
Large Text (above 18pt) WCAG AA ✓ Pass

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 05A452 Background



This preview shows how black text looks on a background with the Hex color 05A452.



This preview shows how white text looks on a background with the Hex color 05A452.

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
3F9BA7

Trichromacy



Original Color
05A452



Protanomaly
65964D



Deuteranomaly
6F9256



Tritanomaly
2A9E88

Monochromacy



Original Color
05A452



Achromatopsia
6B6B6B



Achromatomaly
468062

CSS Examples

Text

The CSS property to change the color of the text to Hex 05A452 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 #05A452 looks like.

```
.text, #text, p{  
    color:#05A452  
}
```

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 #05A452 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05A452
}
```

Border

The CSS property to change the border of an element to Hex 05A452 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
#05A452 }
```

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

```
.border{ border-color:#05A452 }
```

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

Here you see how a box with a 4 pixel #05A452 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05A452; -webkit-box-shadow:4px 4px  
4px 4px #05A452; box-shadow:4px 4px 4px  
4px #05A452 }
```

Background

The CSS property to change the background color of an element to Hex 05A452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05A452 }
```

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

```
.background{ background-color:#05A452 }
```

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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