

Converting Colors

Hex(566C22)

Have a look what the booklet for
Hex(566C22) contains.

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Color

Hex(566C22)

Conversions

Conversions Part 1

Format	Color
Hex	566C22
RGB	86, 108, 34
RGB Percent	34%, 42%, 13%
CMY	0.6627, 0.5765, 0.8667
CMYK	0.20, 0.00, 0.69, 0.58
HSL	78°, 52%, 28%
HSV	78°, 69%, 42%
XYZ	9.4890, 12.8191, 3.4876
YIQ	92.9860, 10.6420, -27.6780

Conversions

Conversions Part 2

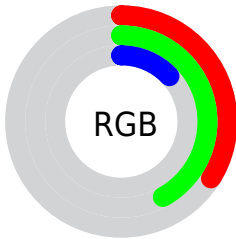
Format	Color
RYB	34, 108, 56
Decimal	5663778
CIELab	42.49, -20.16, 37.33
CIElCh	42, 42.422, 118.369
Yxy	12.8191, 0.3679, 0.4969
Android (android.graphics.Color)	4283853858 (0xFF566C22)
YUV	92.9860, -29.0801, -6.1267
Hunter-Lab	35.8037, -15.3487, 19.2873

Details

The Hex color **566C22** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **38226C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8AA053**, and **263C00** is the 20% darker color. If you saturate the color by 10%, you get **536C17**, and if you desaturate by 10%, it is **596C2D**.

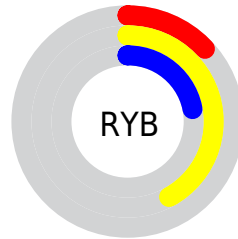
Distribution



Red (34%)

Green (42%)

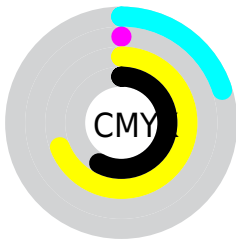
Blue (13%)



Red (13%)

Yellow (42%)

Blue (22%)

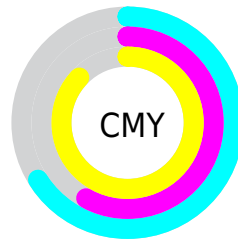


Cyan (20%)

Magenta (0%)

Yellow (69%)

Black (58%)



Cyan (66%)

Magenta (58%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566C22 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 566C22 by changing the saturation by 10% instead.



566C22



566C22

FFFFFF



3D5407



8AA053



263C00



A5BB6C



0D2600



C1D686



001000



DDF3A0



000000



FAFFBC



FFFFD8



FFFFFF5



566C22



566C22

■ 536C17

■ 596C2D

■ 506C0C

■ 5C6C38

■ 4C6C02

■ 606C42

■ 4C6C00

■ 636C4D

■ 666C58

■ 696C63

■ 6C6C6E

■ 706C78

■ 736C83

Harmonies

Analogous

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



796219



566C22



25723E

Triad

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



566C22



00719F



A24468

Complementary

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



566C22



38226C

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.



8D4D8A



566C22



0069AA

Square

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



566C22



007585



625CA2



A34845

Rectangle

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



566C22



007455



625CA2



9D4673

Sweetspot

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



566C22



838C6F



6C3722



424736



C7C7C7



474747

Same Dimension

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



566C22



6A8C19



326C22



343630



527500



ACF500

Inverse Universe

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



38226C



3B198C



5C226C



323036



230075



4900F5

Previews

White Background



This preview shows how the Hex color 566C22 looks on a white background.

Color Contrast Check

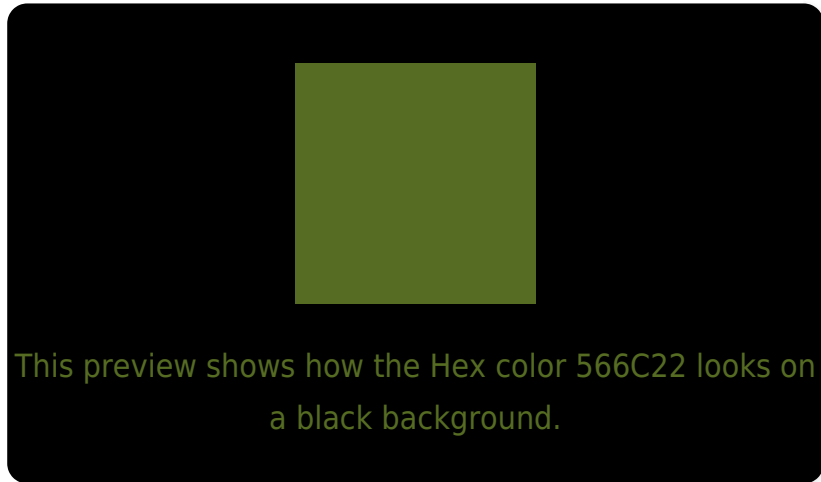
Large Text (above 18pt) WCAG AA ✓ Pass

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

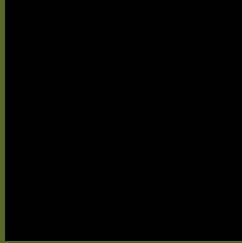
Any Text WCAG AA × Fail

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 566C22 Background



This preview shows how black text looks on a background with the Hex color 566C22.



This preview shows how white text looks on a background with the Hex color 566C22.

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
566C22

Protanopia
706420

Deuteranopia
7D5F27



Tritanopia
5F656D

Trichromacy



Original Color
566C22

Protanomaly
676721

Deuteranomaly
6F6425

Tritanomaly
5C6852

Monochromacy



Original Color
566C22

Achromatopsia
5D5D5D

Achromatomaly
5A6248

CSS Examples

Text

The CSS property to change the color of the text to Hex 566C22 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 #566C22 looks like.

```
.text, #text, p{  
    color:#566C22  
}
```

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 #566C22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566C22
}
```

Border

The CSS property to change the border of an element to Hex 566C22 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
#566C22 }
```

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

```
.border{ border-color:#566C22 }
```

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

Here you see how a box with a 4 pixel #566C22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566C22; -webkit-box-shadow:4px 4px  
4px 4px #566C22; box-shadow:4px 4px 4px  
4px #566C22 }
```

Background

The CSS property to change the background color of an element to Hex 566C22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566C22 }
```

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

```
.background{ background-color:#566C22 }
```

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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