

Converting Colors

Hex(566609)

Have a look what the booklet for
Hex(566609) contains.

| | |
|--|----|
| Hex(566609) | 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(566609)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 566609 |
| RGB | 86, 102, 9 |
| RGB Percent | 34%, 40%, 4% |
| CMY | 0.6627, 0.6000, 0.9647 |
| CMYK | 0.16, 0.00, 0.91, 0.60 |
| HSL | 70°, 84%, 22% |
| HSV | 70°, 91%, 40% |
| XYZ | 8.6384, 11.5009, 2.0230 |
| YIQ | 86.6140, 20.3170, -32.3150 |

Conversions

Conversions Part 2

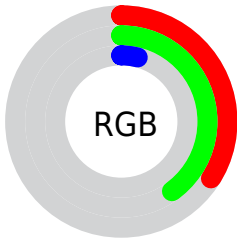
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 9, 102, 25 |
| Decimal | 5662217 |
| CIE Lab | 40.41, -18.35, 44.29 |
| CIE LCh | 40, 47.941, 112.506 |
| Yxy | 11.5009, 0.3898, 0.5189 |
| Android (android.graphics.Color) | 4283852297 (0xFF566609) |
| YUV | 86.6140, -38.2637, -0.5385 |
| Hunter-Lab | 33.9130, -13.8796, 20.2022 |

Details

The Hex color **566609** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **190966**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8B9940**, and **243700** is the 20% darker color. If you saturate the color by 10%, you get **546600**, and if you desaturate by 10%, it is **586613**.

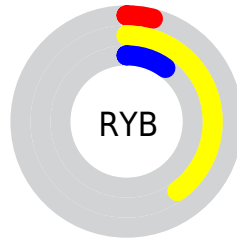
Distribution



Red (34%)

Green (40%)

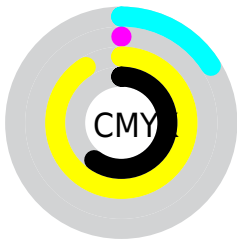
Blue (4%)



Red (4%)

Yellow (40%)

Blue (10%)

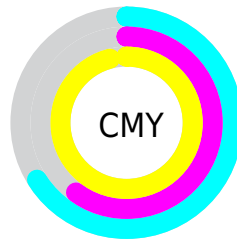


Cyan (16%)

Magenta (0%)

Yellow (91%)

Black (60%)



Cyan (66%)

Magenta (60%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566609 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 566609 by changing the saturation by 10% instead.



566609



566609

FFFFFFD



3D4E00



8B9940



243700



A6B459



092200



C2CF73



000300



DEEB8D



000000



FCFFA8



FFFFC4



FFFFE0



566609



566609

■ 546600

■ 586613

■ 5A661D

■ 5B6628

■ 5D6632

■ 5F663C

■ 616646

■ 626650

■ 64665B

■ 666665

Harmonies

Analogous

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



7B5A03



566609



206D2C

Triad

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



566609



006F9D



A0396B

Complementary

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



566609



190966

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.



85478F



566609



0067AD

Square

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



566609



00717C



4C59A8



A53B44

Rectangle

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



566609



007046



4C59A8



9A3D78

Sweetspot

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



566609



7E8561



661809



3F422D



C2C2C2



424242

Same Dimension

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



566609



6E8500



286609



32332E



5F7300



C9F200

Inverse Universe

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



190966



170085



470966



2F2E33



140073



2A00F2

Previews

White Background



This preview shows how the Hex color 566609 looks on a white background.

Color Contrast Check

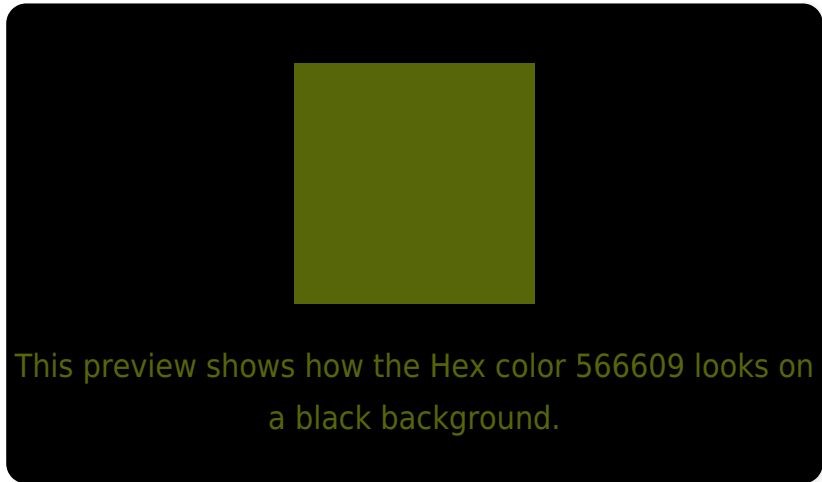
Large Text (above 18pt) WCAG AA ✓ Pass

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 566609 Background



This preview shows how black text looks on a background with the Hex color 566609.



This preview shows how white text looks on a background with the Hex color 566609.

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
566609

Protanopia
6B5F05

Deuteranopia
785A14



Tritanopia
5E5F66

Trichromacy



Original Color
566609

Protanomaly
636206

Deuteranomaly
6C5E10

Tritanomaly
5B6244

Monochromacy



Original Color
566609

Achromatopsia
575757

Achromatomaly
575C3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 566609 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 #566609 looks like.

```
.text, #text, p{  
    color:#566609  
}
```

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 #566609 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566609
}
```

Border

The CSS property to change the border of an element to Hex 566609 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
#566609 }
```

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

```
.border{ border-color:#566609 }
```

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

Here you see how a box with a 4 pixel #566609 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566609; -webkit-box-shadow:4px 4px  
4px 4px #566609; box-shadow:4px 4px 4px  
4px #566609 }
```

Background

The CSS property to change the background color of an element to Hex 566609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566609 }
```

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

```
.background{ background-color:#566609 }
```

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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