

Converting Colors

Hex(268C25)

Have a look what the booklet for
Hex(268C25) contains.

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Color

Hex(268C25)

Conversions

Conversions Part 1

Format	Color
Hex	268C25
RGB	38, 140, 37
RGB Percent	15%, 55%, 15%
CMY	0.8510, 0.4510, 0.8549
CMYK	0.73, 0.00, 0.74, 0.45
HSL	119°, 58%, 35%
HSV	119°, 74%, 55%
XYZ	10.5113, 19.3018, 4.9219
YIQ	97.7600, -27.7290, -53.6570

Conversions

Conversions Part 2

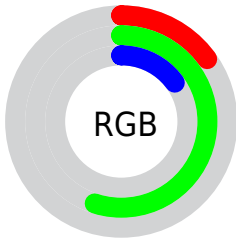
Format	Color
R_{YB}	37, 140, 139
Decimal	2526245
CIE _{Lab}	51.04, -48.96, 44.34
CIE _{LCh}	51, 66.053, 137.835
Yxy	19.3018, 0.3026, 0.5557
Android (android.graphics.Color)	4280716325 (0xFF268C25)
YUV	97.7600, -29.9547, -52.4095
Hunter-Lab	43.9338, -34.1774, 24.1115

Details

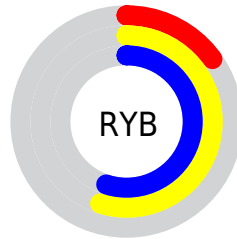
The Hex color **268C25** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8B258C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **63C358**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **188C17**, and if you desaturate by 10%, it is **348C33**.

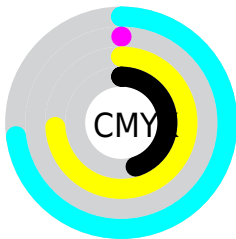
Distribution



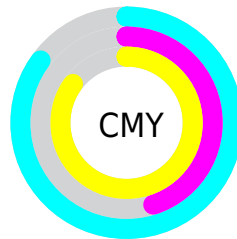
- Red (15%)
- Green (55%)
- Blue (15%)



- Red (15%)
- Yellow (55%)
- Blue (55%)



- Cyan (73%)
- Magenta (0%)
- Yellow (74%)
- Black (45%)



- Cyan (85%)
- Magenta (45%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 268C25 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 268C25 by changing the saturation by 10% instead.

 268C25

 268C25

FFFFFF

 007205

 63C358

 005800

 80DF72

 004000

 9CFC8D

 002B00

 B9FFA8

 000700

 D6FFC4

 000000

 F4FFE0

 FFFFFD

 268C25

 268C25

■ 188C17

■ 348C33

■ 0A8C09

■ 428C41

■ 018C00

■ 508C4F

■ 5D8C5D

■ 6B8C6B

■ 798C79

■ 878C87

■ 958C95

■ A38CA3

Harmonies

Analogous

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



738100



268C25



009160

Triad

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



268C25



0087E8



DC3D5B

Complementary

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



268C25



8B258C

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.



D23E93



268C25



3C75E6

Square

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



268C25



0090CD



A559C6



CB5525

Rectangle

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



268C25



009387



A559C6



DC396D

Sweetspot

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



268C25



8EB58D



8C8A25



445C44



DBDBDB



5C5C5C

Same Dimension

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



268C25



17B516



258C57



3E453E



018500



000500

Inverse Universe

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



8B258C



B416B5



8C255A



453E45



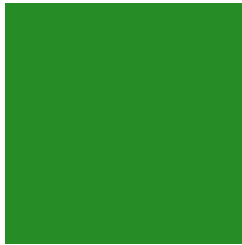
830085



050005

Previews

White Background



This preview shows how the Hex color 268C25 looks on a white background.

Color Contrast Check

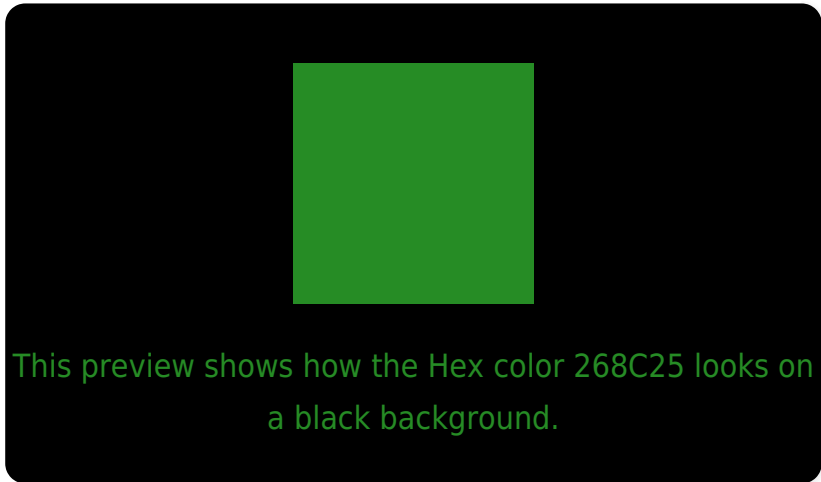
Large Text (above 18pt) WCAG AA ✓ Pass

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 268C25 Background



This preview shows how black text looks on a background with the Hex color 268C25.



This preview shows how white text looks on a background with the Hex color 268C25.

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
268C25

Protanopia
887920

Deuteranopia
96732F



Tritanopia
43838D

Trichromacy



Original Color
268C25



Protanomaly
648022



Deuteranomaly
6D7C2B



Tritanomaly
388667

Monochromacy



Original Color
268C25



Achromatopsia
626262



Achromatomaly
4C714C

CSS Examples

Text

The CSS property to change the color of the text to Hex 268C25 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 #268C25 looks like.

```
.text, #text, p{  
    color:#268C25  
}
```

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 #268C25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #268C25
}
```

Border

The CSS property to change the border of an element to Hex 268C25 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
#268C25 }
```

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

```
.border{ border-color:#268C25 }
```

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

Here you see how a box with a 4 pixel #268C25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #268C25; -webkit-box-shadow:4px 4px  
4px 4px #268C25; box-shadow:4px 4px 4px  
4px #268C25 }
```

Background

The CSS property to change the background color of an element to Hex 268C25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#268C25 }
```

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

```
.background{ background-color:#268C25 }
```

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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