

Converting Colors

Hex(6B8557)

Have a look what the booklet for
Hex(6B8557) contains.

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Color

Hex(6B8557)

Conversions

Conversions Part 1

Format	Color
Hex	6B8557
RGB	107, 133, 87
RGB Percent	42%, 52%, 34%
CMY	0.5804, 0.4784, 0.6588
CMYK	0.20, 0.00, 0.35, 0.48
HSL	94°, 21%, 43%
HSV	94°, 35%, 52%
XYZ	16.1712, 20.5890, 12.1386
YIQ	119.9820, -0.7300, -19.8180

Conversions

Conversions Part 2

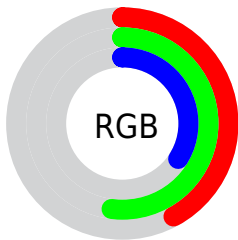
Format	Color
R_{YB}	87, 133, 113
Decimal	7046487
CIE _{Lab}	52.50, -18.19, 21.84
CIE _{LCh}	52, 28.421, 129.783
Yxy	20.5890, 0.3307, 0.4211
Android (android.graphics.Color)	4285236567 (0xFF6B8557)
YUV	119.9820, -16.2601, -11.3852
Hunter-Lab	45.3751, -15.7907, 15.9015

Details

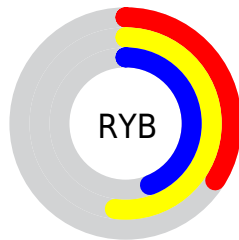
The Hex color **6B8557** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **715785**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9FBA89**, and **3A5329** is the 20% darker color. If you saturate the color by 10%, you get **63854A**, and if you desaturate by 10%, it is **738564**.

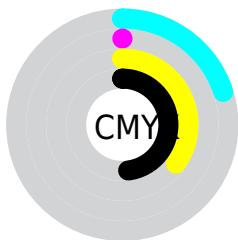
Distribution



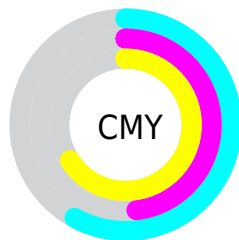
- Red (42%)
- Green (52%)
- Blue (34%)



- Red (34%)
- Yellow (52%)
- Blue (44%)



- Cyan (20%)
- Magenta (0%)
- Yellow (35%)
- Black (48%)



- Cyan (58%)
- Magenta (48%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B8557 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 6B8557 by changing the saturation by 10% instead.



6B8557



6B8557

FFFFFF



526C3F



9FBA89



3A5329



BAD6A4



243C13



D6F2BF



112600



F3FFDB



001000



FFFFFF7



000000



6B8557



6B8557



63854A



738564



5C853C



7A8572

■ 54852F

■ 82857F

■ 4D8522

■ 89858C

■ 458514

■ 91859A

■ 3E8507

■ 9885A7

■ 3A8500

■ A085B4

■ A785C1

■ AF85CF

Harmonies

Analogous

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



867E4D



6B8557



4D896C

Triad

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



6B8557



4084AA



AD6A76

Complementary

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



6B8557



715785

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.



A26D8F



6B8557



687DAD

Square

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



6B8557



21899C



8B74A3



AA6E5F

Rectangle

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



6B8557



388A7C



8B74A3



AB6B7E

Sweetspot

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



6B8557



A4AD9C



857057



51574C



D6D6D6



575757

Same Dimension

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



6B8557



84AD65



578559



3F423C



398200



010300

Inverse Universe

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



715785



8E65AD



855783



3F3C42



4A0082



010003

Previews

White Background



This preview shows how the Hex color 6B8557 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

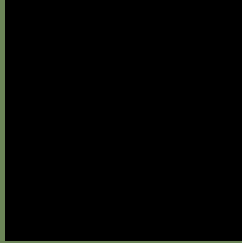
Any Text WCAG AA ✓ Pass

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 6B8557 Background



This preview shows how black text looks on a background with the Hex color 6B8557.



This preview shows how white text looks on a background with the Hex color 6B8557.

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
6B8557

Protanopia
877D54

Deuteranopia
94785A



Tritanopia
737F89

Trichromacy



Original Color
6B8557

Protanomaly
7D8055

Deuteranomaly
857D59

Tritanomaly
708177

Monochromacy



Original Color
6B8557

Achromatopsia
787878

Achromatomaly
737D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B8557 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 #6B8557 looks like.

```
.text, #text, p{  
    color:#6B8557  
}
```

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 #6B8557 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8557  
}
```

Border

The CSS property to change the border of an element to Hex 6B8557 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  
#6B8557 }
```

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

```
.border{ border-color:#6B8557 }
```

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

Here you see how a box with a 4 pixel #6B8557 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8557; -webkit-box-shadow:4px 4px  
4px 4px #6B8557; box-shadow:4px 4px 4px  
4px #6B8557 }
```

Background

The CSS property to change the background color of an element to Hex 6B8557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8557 }
```

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

```
.background{ background-color:#6B8557 }
```

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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