

Converting Colors

Hex(677F20)

Have a look what the booklet for
Hex(677F20) contains.

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Color

Hex(677F20)

Conversions

Conversions Part 1

Format	Color
Hex	677F20
RGB	103, 127, 32
RGB Percent	40%, 50%, 13%
CMY	0.5961, 0.5020, 0.8745
CMYK	0.19, 0.00, 0.75, 0.50
HSL	75°, 60%, 31%
HSV	75°, 75%, 50%
XYZ	13.4436, 18.1666, 4.1645
YIQ	108.9940, 16.1910, -34.6330

Conversions

Conversions Part 2

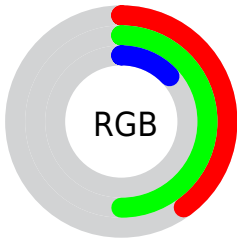
Format	Color
R_{YB}	32, 127, 56
Decimal	6782752
CIE Lab	49.70, -22.67, 45.89
CIE LCh	50, 51.180, 116.288
Yxy	18.1666, 0.3758, 0.5078
Android (android.graphics.Color)	4284972832 (0xFF677F20)
YUV	108.9940, -37.9580, -5.2567
Hunter-Lab	42.6223, -18.2879, 24.0426

Details

The Hex color **677F20** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **38207F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9DB453**, and **344E00** is the 20% darker color. If you saturate the color by 10%, you get **647F13**, and if you desaturate by 10%, it is **6A7F2D**.

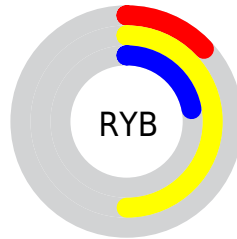
Distribution



Red (40%)

Green (50%)

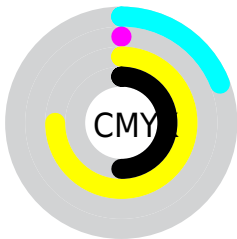
Blue (13%)



Red (13%)

Yellow (50%)

Blue (22%)

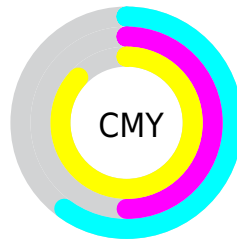


Cyan (19%)

Magenta (0%)

Yellow (75%)

Black (50%)



Cyan (60%)

Magenta (50%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 677F20 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 677F20 by changing the saturation by 10% instead.

 677F20

 677F20

FFFFFF

 4D6600

 9DB453

 344E00

 B8CF6D

 1B3700

 D5EC88

 002200

 F2FFA3

 000000

 FFFFBE

 FFFFDB

 FFFFF8

 677F20

 677F20

■ 647F13

■ 6A7F2D

■ 617F07

■ 6D7F39

■ 5F7F00

■ 717F46

■ 747F53

■ 777F60

■ 7A7F6C

■ 7D7F79

■ 817F86

■ 847F92

Harmonies

Analogous

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



917215



677F20



298743

Triad

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



677F20



0086BE



C14D7D

Complementary

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



677F20



38207F

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.



A65AA7



677F20



007DCD

Square

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



677F20



008B9B



6D6DC4



C35152

Rectangle

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



677F20



008A60



6D6DC4



BB508C

Sweetspot

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



677F20



9DA681



7F3820



4F543E



D4D4D4



545454

Same Dimension

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



677F20



80A611



387F20



3E4039



5F8000



000000

Inverse Universe

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



38207F



3611A6



67207F



3B3940



200080



000000

Previews

White Background



This preview shows how the Hex color 677F20 looks on a white background.

Color Contrast Check

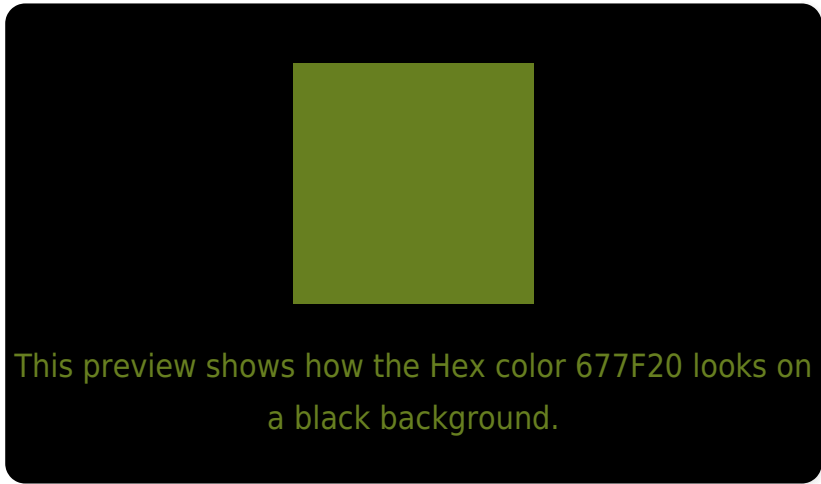
Large Text (above 18pt) WCAG AA ✓ Pass

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

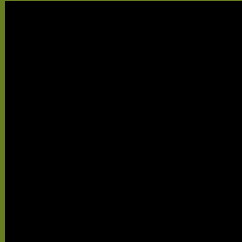
Any Text WCAG AA ✓ Pass

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 677F20 Background



This preview shows how black text looks on a background with the Hex color 677F20.



This preview shows how white text looks on a background with the Hex color 677F20.

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
717680

Trichromacy



Original Color
677F20

Protanomaly
79791F

Deuteranomaly
847524

Tritanomaly
6D795D

Monochromacy



Original Color
677F20

Achromatopsia
6D6D6D

Achromatomaly
6B7451

CSS Examples

Text

The CSS property to change the color of the text to Hex 677F20 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 #677F20 looks like.

```
.text, #text, p{  
    color:#677F20  
}
```

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 #677F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677F20
}
```

Border

The CSS property to change the border of an element to Hex 677F20 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
#677F20 }
```

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

```
.border{ border-color:#677F20 }
```

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

Here you see how a box with a 4 pixel #677F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677F20; -webkit-box-shadow:4px 4px  
4px 4px #677F20; box-shadow:4px 4px 4px  
4px #677F20 }
```

Background

The CSS property to change the background color of an element to Hex 677F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677F20 }
```

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

```
.background{ background-color:#677F20 }
```

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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