

Converting Colors

Hex(21752F)

Have a look what the booklet for
Hex(21752F) contains.

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Color

Hex(21752F)

Conversions

Conversions Part 1

Format	Color
Hex	21752F
RGB	33, 117, 47
RGB Percent	13%, 46%, 18%
CMY	0.8706, 0.5412, 0.8157
CMYK	0.72, 0.00, 0.60, 0.54
HSL	130°, 56%, 29%
HSV	130°, 72%, 46%
XYZ	7.5016, 13.2511, 4.8517
YIQ	83.9040, -27.5940, -39.5780

Conversions

Conversions Part 2

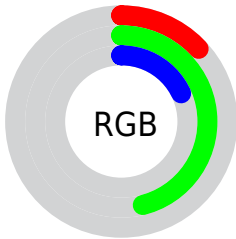
Format	Color
R_{YB}	33, 105, 117
Decimal	2192687
CIE _{Lab}	43.14, -40.44, 31.06
CIE _{LCh}	43, 50.988, 142.472
Yxy	13.2511, 0.2930, 0.5175
Android (android.graphics.Color)	4280382767 (0xFF21752F)
YUV	83.9040, -18.1937, -44.6428
Hunter-Lab	36.4021, -26.9193, 17.5793

Details

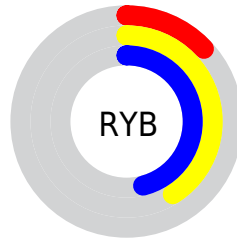
The Hex color **21752F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **752167**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5AAA5F**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **157525**, and if you desaturate by 10%, it is **2D7539**.

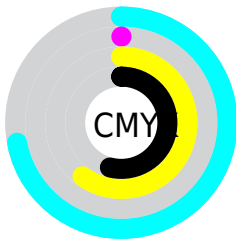
Distribution



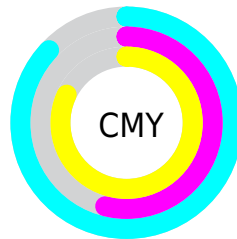
- Red (13%)
- Green (46%)
- Blue (18%)



- Red (13%)
- Yellow (41%)
- Blue (46%)



- Cyan (72%)
- Magenta (0%)
- Yellow (60%)
- Black (54%)



- Cyan (87%)
- Magenta (54%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21752F 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 21752F by changing the saturation by 10% instead.



21752F



21752F

FFFFFF



005C18



5AAA5F



004300



75C679



002D00



91E293



001300



ADFFAE



000000



C9FFC9



E6FFE6



21752F



21752F



157525



2D7539

■ 0A751B

■ 387543

■ 007513

■ 44754C

■ 507556

■ 5C7560

■ 67756A

■ 737573

■ 7F757D

■ 8A7587

Harmonies

Analogous

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



5C6D07



21752F



007959

Triad

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



21752F



006EBA



B13E48

Complementary

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



21752F



752167

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.



AC3C72



21752F



505FB4

Square

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



21752F



0076A8



8E4C9A



A14F22

Rectangle

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



21752F



007A77



8E4C9A



B13B56

Sweetspot

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



21752F



77997D



677521



394D3C



CCCCCC



4D4D4D

Same Dimension

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



21752F



15992B



217559



353B36



007A14



00FA2A

Inverse Universe

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



752167



991583



75213D



3B353A



7A0066



FA00D0

Previews

White Background



This preview shows how the Hex color 21752F looks on a white background.

Color Contrast Check

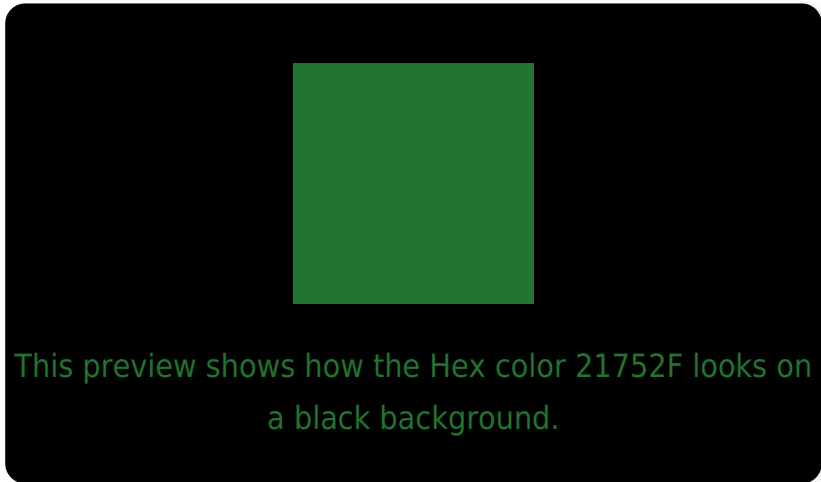
Large Text (above 18pt) WCAG AA ✓ Pass

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 21752F Background



This preview shows how black text looks on a background with the Hex color 21752F.



This preview shows how white text looks on a background with the Hex color 21752F.

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
21752F

Protanopia
71662A

Deuteranopia
7C6135



Tritanopia
376E77

Trichromacy



Original Color
21752F

Protanomaly
546B2C

Deuteranomaly
5B6833

Tritanomaly
2F715D

Monochromacy



Original Color
21752F

Achromatopsia
545454

Achromatomaly
416047

CSS Examples

Text

The CSS property to change the color of the text to Hex 21752F 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 #21752F looks like.

```
.text, #text, p{  
    color:#21752F  
}
```

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 #21752F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21752F
}
```

Border

The CSS property to change the border of an element to Hex 21752F 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
#21752F }
```

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

```
.border{ border-color:#21752F }
```

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

Here you see how a box with a 4 pixel #21752F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21752F; -webkit-box-shadow:4px 4px  
4px 4px #21752F; box-shadow:4px 4px 4px  
4px #21752F }
```

Background

The CSS property to change the background color of an element to Hex 21752F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21752F }
```

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

```
.background{ background-color:#21752F }
```

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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