

Converting Colors

Hex(5D6F21)

Have a look what the booklet for
Hex(5D6F21) contains.

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Color

Hex(5D6F21)

Conversions

Conversions Part 1

Format	Color
Hex	5D6F21
RGB	93, 111, 33
RGB Percent	36%, 44%, 13%
CMY	0.6353, 0.5647, 0.8706
CMYK	0.16, 0.00, 0.70, 0.56
HSL	74°, 54%, 28%
HSV	74°, 70%, 44%
XYZ	10.4732, 13.8058, 3.5516
YIQ	96.7260, 14.3100, -28.0740

Conversions

Conversions Part 2

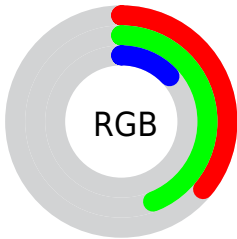
Format	Color
RYB	33, 111, 51
Decimal	6123297
CIELab	43.95, -18.71, 39.46
CIELCh	44, 43.676, 115.366
Yxy	13.8058, 0.3763, 0.4961
Android (android.graphics.Color)	4284313377 (0xFF5D6F21)
YUV	96.7260, -31.4169, -3.2677
Hunter-Lab	37.1562, -14.7099, 20.3420

Details

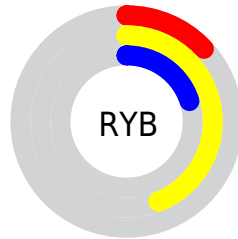
The Hex color **5D6F21** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **33216F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **91A352**, and **2C3F00** is the 20% darker color. If you saturate the color by 10%, you get **5A6F16**, and if you desaturate by 10%, it is **606F2C**.

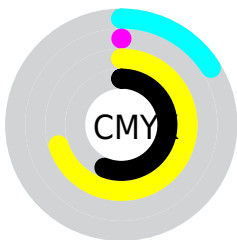
Distribution



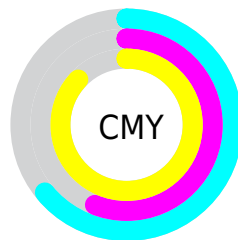
- Red (36%)
- Green (44%)
- Blue (13%)



- Red (13%)
- Yellow (44%)
- Blue (20%)



- Cyan (16%)
- Magenta (0%)
- Yellow (70%)
- Black (56%)



- Cyan (64%)
- Magenta (56%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D6F21 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 5D6F21 by changing the saturation by 10% instead.



5D6F21



5D6F21

FFFFFF



445705



91A352



2C3F00



ADBE6C



132900



C9DA86



001600



E5F6A0



000000



FFFFBC



FFFFD8



FFFFF5



5D6F21



5D6F21

■ 5A6F16

■ 606F2C

■ 586F0B

■ 626F37

■ 556F00

■ 656F42

■ 676F4D

■ 6A6F59

■ 6C6F64

■ 6F6F6F

■ 716F7A

■ 746F85

Harmonies

Analogous

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



80641A



5D6F21



2D763D

Triad

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



5D6F21



0076A3



A6476F

Complementary

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



5D6F21



33216F

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.



8F5192



5D6F21



006EB0

Square

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



5D6F21



007986



5F61AA



A94A4B

Rectangle

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



5D6F21



007854



5F61AA



A1497B

Sweetspot

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



5D6F21



8A9173



6F3221



464A37



C9C9C9



4A4A4A

Same Dimension

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



5D6F21



759117



376F21



373832



5C7800



BEF700

Inverse Universe

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



33216F



331791



59216F



343238



1C0078



3900F7

Previews

White Background



This preview shows how the Hex color 5D6F21 looks on a white background.

Color Contrast Check

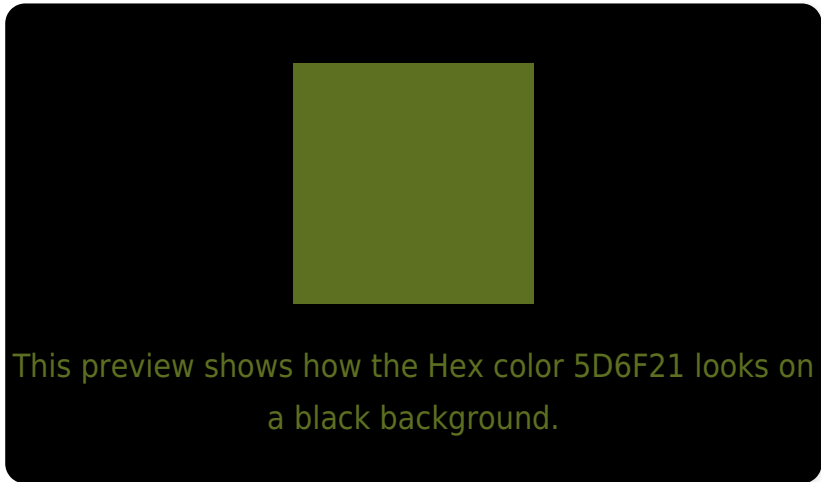
Large Text (above 18pt) WCAG AA ✓ Pass

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

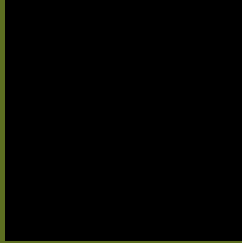
Any Text WCAG AA × Fail

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 5D6F21 Background



This preview shows how black text looks on a background with the Hex color 5D6F21.



This preview shows how white text looks on a background with the Hex color 5D6F21.

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
5D6F21

Protanopia
74681F

Deuteranopia
816326



Tritanopia
656870

Trichromacy



Original Color
5D6F21

Protanomaly
6C6B20

Deuteranomaly
746724

Tritanomaly
626B53

Monochromacy



Original Color
5D6F21

Achromatopsia
616161

Achromatomaly
60664A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D6F21 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 #5D6F21 looks like.

```
.text, #text, p{  
    color:#5D6F21  
}
```

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 #5D6F21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6F21
}
```

Border

The CSS property to change the border of an element to Hex 5D6F21 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
#5D6F21 }
```

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

```
.border{ border-color:#5D6F21 }
```

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

Here you see how a box with a 4 pixel #5D6F21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6F21; -webkit-box-shadow:4px 4px  
4px 4px #5D6F21; box-shadow:4px 4px 4px  
4px #5D6F21 }
```

Background

The CSS property to change the background color of an element to Hex 5D6F21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6F21 }
```

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

```
.background{ background-color:#5D6F21 }
```

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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