Converting Colors

HunterLab(21.5881, 0.9558, 5.1109)

Have a look what the booklet for HunterLab(21.5881, 0.9558, 5.1109) contains.

HunterLab(21.5878, 0.7983, 5.0285) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

HunterLab(21.5878, 0.7983, 5.0285)

Conversions

Conversions Part 1

Format	Color
Hex	463B32
RGB	70, 59, 50
RGB Percent	27%, 23%, 20%
CMY	0.7255, 0.7686, 0.8039
CMYK	0.00, 0.16, 0.29, 0.73
HSL	27°, 17%, 24%
HSV	27°, 29%, 27%
XYZ	4.6655, 4.6603, 3.6713
YIQ	61.2630, 9.4450, -0.4670

Conversions

Conversions Part 2

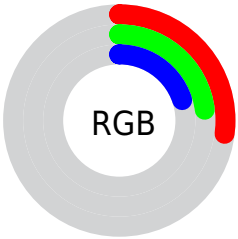
Format	Color
RYB	70, 66, 50
Decimal	4602674
CIELab	25.74, 3.14, 7.36
CIELCh	26, 8.003, 66.904
Yxy	4.6605, 0.3590, 0.3586
Android (android.graphics.Color)	4282792754 (0xFF463B32)
YUV	61.2630, -5.5527, 7.6623
Hunter-Lab	21.5878, 0.7983, 5.0285

Details

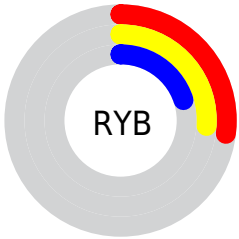
The HunterLab color 21.5878, 0.7983, 5.0285 is a dark color, and the websafe version is hex 333333. A complement of this color would be 21.1133, -2.3730, -3.3034, and the grayscale version is 21.7097, -1.1584, 1.1795.

A 20% lighter version of the original color is 38.8259, 0.4328, 7.0329, and 8.0892, 1.1972, 4.3740 is the 20% darker color. If you saturate the color by 10%, you get 20.5510, 1.6911, 6.0991, and if you desaturate by 10%, it is 22.6630, -0.0139, 3.8375.

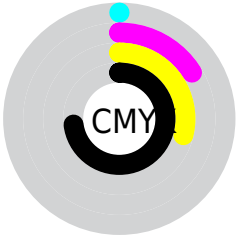
Distribution



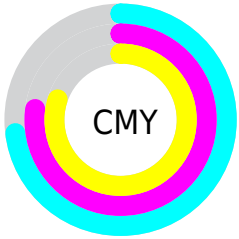
- Red (27%)
- Green (23%)
- Blue (20%)



- Red (27%)
- Yellow (26%)
- Blue (20%)



- Cyan (0%)
- Magenta (16%)
- Yellow (29%)
- Black (73%)



- Cyan (73%)
- Magenta (77%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5878, 0.7983, 5.0285 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 HunterLab color 21.5878, 0.7983, 5.0285 by changing the saturation by 10% instead.

21.5878, 0.7983, 5.0285

121.0358, -3.0403, 13.9413

38.8342, 0.2848, 6.9631

48.6407, -0.0592, 7.9266

59.1567, -0.4531, 8.8968

70.3373, -0.8923, 9.8775

82.1452, -1.3732, 10.8710

94.5485, -1.8930,

21.5878, 0.7983, 5.0285

14.3161, 0.9457, 4.0292

7.9749, 1.2893, 4.2602

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

11.8788

0.0000, NaN, NaN

107.5200, -2.4494, 12.9021

21.5878, 0.7983, 5.0285

21.5878, 0.7983, 5.0285

20.5510, 1.6911, 6.0991

22.6630, -0.0139, 3.8375

19.5543, 2.6713, 7.0352

23.7721, -0.7483, 2.5373

18.6019, 3.7412, 7.8229

24.9130, -1.4110, 1.1392

17.6976, 4.9019, 8.4479

26.0832, -2.0076, -0.3472

16.8455, 6.1515, 8.8971

27.2805, -2.5431, -1.9132

16.0489, 7.4797, 9.1714

15.2981, 8.8079, 9.4695

15.1944, 8.9950, 9.5202

28.5032, -3.0227, -3.5514

29.7495, -3.4508, -5.2552

31.0177, -3.8317, -7.0190

32.3066, -4.1695, -8.8377

Harmonies

Analogous

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

21.5883, 2.8953, 3.7843

21.5878, 0.7983, 5.0285

21.5883, -1.7373, 5.2995

Triad

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

21.5883, 0.7976, 5.0288

21.5883, -5.7934, 0.6088

21.5883, 1.8604, -2.8825

Complementary

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

21.5878, 0.7983, 5.0285

21.1133, -2.3730, -3.3034

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.

21.5883, -0.5625, -3.9681

21.5878, 0.7983, 5.0285

21.5883, -4.9235, -1.8069

Square

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

21.5883, 0.7976, 5.0288

21.5883, -5.4668, 2.9203

21.5883, -3.0368, -3.5533

21.5883, 3.5285, -0.7292

Rectangle

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

21.5878, 0.7983, 5.0285

21.5883, -3.3201, 4.9232

21.5883, -3.0368, -3.5533

21.5883, 1.1030, -3.3951

Sweetspot

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

21.5883, 0.7976, 5.0288

31.2345, -0.9129, 3.4887

19.7997, 5.9982, -0.9150

15.7300, -0.4264, 1.8294

64.8100, -3.4581, 3.5212

16.4960, -0.8802, 0.8963

Same Dimension

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

21.5883, 0.7976, 5.0288

27.5326, 1.8450, 7.6153

24.0597, -3.3051, 7.3312

12.6639, -0.3970, 1.3554

21.2993, 14.0501, 13.3705

50.8470, 38.9012, 32.0127

Inverse Universe

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

21.1133, -2.3730, -3.3034

26.7617, -3.2845, -5.8978

18.6763, 1.7695, -6.8558

12.5861, -0.9185, -0.0104

19.0065, 0.7849, -25.4507

44.9011, 5.5710, -68.1486

Previews

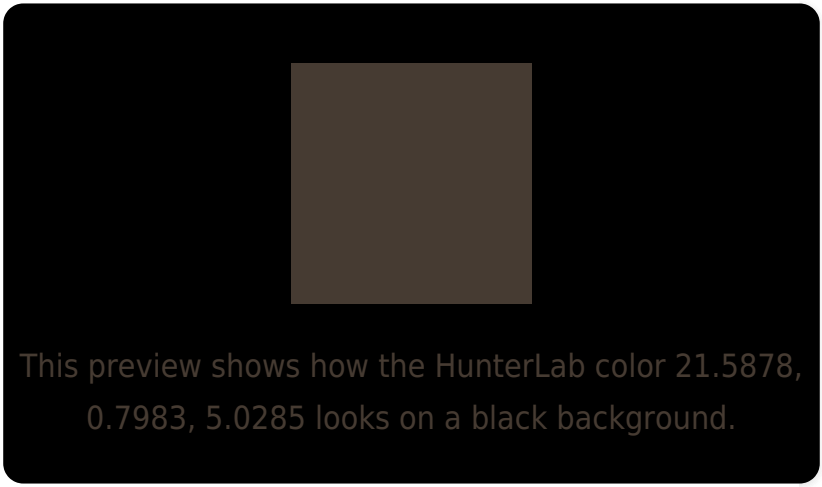
White Background

This preview shows how the HunterLab color 21.5878, 0.7983, 5.0285 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 ✓ Pass

Black Background

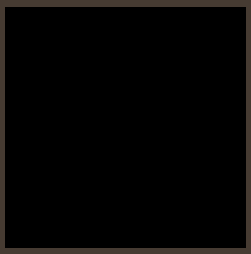


Color Contrast Check

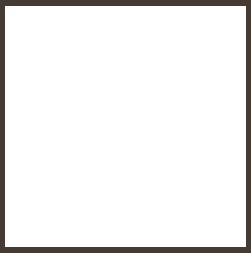
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

HunterLab 21.5878, 0.7983, 5.0285 Background



This preview shows how black text looks on a background with the HunterLab color 21.5878, 0.7983, 5.0285.



This preview shows how white text looks on a background with the HunterLab color 21.5878, 0.7983,

5.0285.

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
21.5878, 0.7983, 5.0285

Protanopia
21.6021, -1.6060, 4.6868

Deuteranopia
21.6744, 1.0914, 5.1202

Tritanopia
21.4794, 3.3904, 0.7149

Trichromacy

Original Color
21.5878, 0.7983, 5.0285

Protanomaly
21.5151, -0.6476, 4.6153

Deuteranomaly
21.6744, 1.0914, 5.1202

Tritanomaly
21.6129, 2.4422, 2.3793

Monochromacy

Original Color
21.5878, 0.7983, 5.0285

Achromatopsia
21.6021, -1.1526, 1.1737

Achromatomaly
21.4875, -0.4806, 2.5512

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5878, 0.7983, 5.0285 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 rgb(70, 59, 50) looks like.

```
.text, #text, p{
    color:rgb(70, 59, 50)
}
```

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 rgb(70, 59, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 59, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5878, 0.7983, 5.0285 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 rgb(70, 59, 50) }
```

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

```
.border{ border-color:rgb(70, 59, 50) }
```

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

Here you see how a box with a 4 pixel rgb(70, 59, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(70, 59, 50); -webkit-box-shadow:4px 4px 4px 4px rgb(70, 59, 50); box-shadow:4px 4px 4px 4px rgb(70, 59, 50) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.5878, 0.7983, 5.0285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(70, 59, 50) }
```

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

```
.background{ background-color:rgb(70, 59,
50) }
```

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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