

Converting Colors

HunterLab(21.2790, -5.9765,
1.1250)

Have a look what the booklet for
HunterLab(21.2790, -5.9765, 1.1250)
contains.

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Color

**HunterLab(21.3329, -6.1123,
1.1569)**

Conversions

Conversions Part 1

Format	Color
Hex	2D403C
RGB	45, 64, 60
RGB Percent	18%, 25%, 24%
CMY	0.8235, 0.7490, 0.7647
CMYK	0.30, 0.00, 0.06, 0.75
HSL	167°, 17%, 21%
HSV	167°, 30%, 25%
XYZ	3.7312, 4.5509, 4.9567
YIQ	57.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

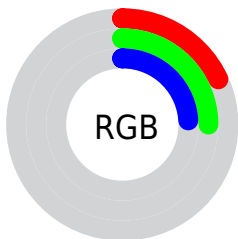
Format	Color
R_{YB}	45, 56, 64
Decimal	2965564
CIE Lab	25.42, -8.58, -0.01
CIE LCh	25, 8.582, 180.046
Yxy	4.5511, 0.2818, 0.3438
Android (android.graphics.Color)	4281155644 (0xFF2D403C)
YUV	57.8630, 1.0535, -11.2809
Hunter-Lab	21.3329, -6.1123, 1.1569

Details

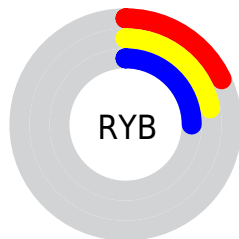
The HunterLab color **21.3329, -6.1123, 1.1569** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.8568, 4.8098, 1.4389**, and the grayscale version is **20.5222, -1.0950, 1.1150**.

A 20% lighter version of the original color is **38.5669, -8.4235, 2.2331**, and **7.8581, -4.7542, 0.4411** is the 20% darker color. If you saturate the color by 10%, you get **20.9826, -7.4930, 1.2394**, and if you desaturate by 10%, it is **21.7300, -4.5886, 1.1290**.

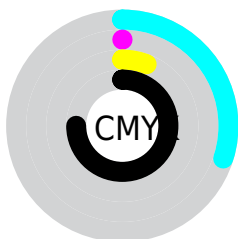
Distribution



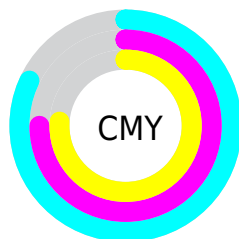
- Red (18%)
- Green (25%)
- Blue (24%)



- Red (18%)
- Yellow (22%)
- Blue (25%)



- Cyan (30%)
- Magenta (0%)
- Yellow (6%)
- Black (75%)



- Cyan (82%)
- Magenta (75%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3329, -6.1123, 1.1569 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 21.3329, -6.1123, 1.1569 by changing the saturation by 10% instead.

■ 21.3329, -6.1123,
1.1569

■ 21.3329, -6.1123,
1.1569

■ 120.5822,
-15.5989, 6.5564

■ 14.0939, -5.0171,
0.7637

■ 38.5240, -8.2105,
2.0921

■ 7.7430, -5.2433,
0.4177

■ 48.3062, -9.2455,
2.6241

0.0000, NaN, NaN

■ 58.7996, -10.2820,
3.1950

0.0000, NaN, NaN

■ 69.9590, -11.3244,
3.8021

0.0000, NaN, NaN

■ 81.7467, -12.3755,
4.4434

0.0000, NaN, NaN

■ 94.1308, -13.4375,

0.0000, NaN, NaN

107.0840,
-14.5116, 5.8220

■ 21.3329, -6.1123,
1.1569

■ 21.3329, -6.1123,
1.1569

■ 20.9826, -7.4930,
1.2394

■ 21.7300, -4.5886,
1.1290

■ 20.6778, -8.7216,
1.3749

■ 22.1721, -2.9309,
1.1547

■ 20.4183, -9.7924,
1.5618

■ 22.6591, -1.1509,
1.2335

■ 20.2029, -10.7027,
1.7975

■ 23.1899, 0.7397,
1.3639

■ 20.0299, -11.4533,
2.0779

■ 23.7632, 2.7288,
1.5438

■ 19.8915, -12.0707,
2.3921

■ 24.3776, 4.8046,
1.7708

■ 19.7572, -12.6748,
2.7030

■ 25.0315, 6.9561,
2.0423

■ 19.7530, -12.6937,
2.7126

■ 25.7233, 9.1727,
2.3555

■ 26.4511, 11.4448,
2.7074

Harmonies

Analogous

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



21.3333, -5.4765, 3.4948



21.3329, -6.1123, 1.1569



21.3333, -5.4726, -1.4778

Triad

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



21.3333, -6.1126, 1.1572



21.3333, 1.5377, -3.5999



21.3333, 1.5300, 5.0312

Complementary

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



21.3329, -6.1123, 1.1569



17.8568, 4.8098, 1.4389

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.



21.3333, 3.5699, 3.5010



21.3329, -6.1123, 1.1569



21.3333, 3.5744, -1.4699

Square

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



21.3333, -6.1126, 1.1572



21.3333, -1.1352, -4.4253



21.3333, 4.3357, 1.1653



21.3333, -1.1437, 5.5541

Rectangle

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



21.3329, -6.1123, 1.1569



21.3333, -4.3892, -3.0068



21.3333, 4.3357, 1.1653



21.3333, 2.3173, 4.6279

Sweetspot

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



21.3333, -6.1126, 1.1572



29.2265, -3.7969, 1.5232



21.2422, -7.0955, 6.0356



15.3172, -2.0795, 0.7969



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



21.3333, -6.1126, 1.1572



27.7327, -9.5111, 1.6046



20.0422, -3.4382, -2.0600



12.1506, -1.4965, 0.6347



30.0993, -19.5389, 4.5575



75.3040, -49.4961, 12.7244

Inverse Universe

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



17.8568, 4.8098, 1.4389



22.0123, 8.5428, 2.1110



18.9571, 2.0901, 3.9530



11.5867, 0.2640, 0.6748



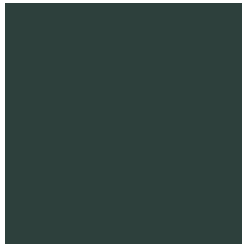
16.0868, 27.8721, 7.8913



40.1479, 69.2708, 21.9408

Previews

White Background



This preview shows how the HunterLab color 21.3329, -6.1123, 1.1569 looks on a white background.

Color Contrast Check

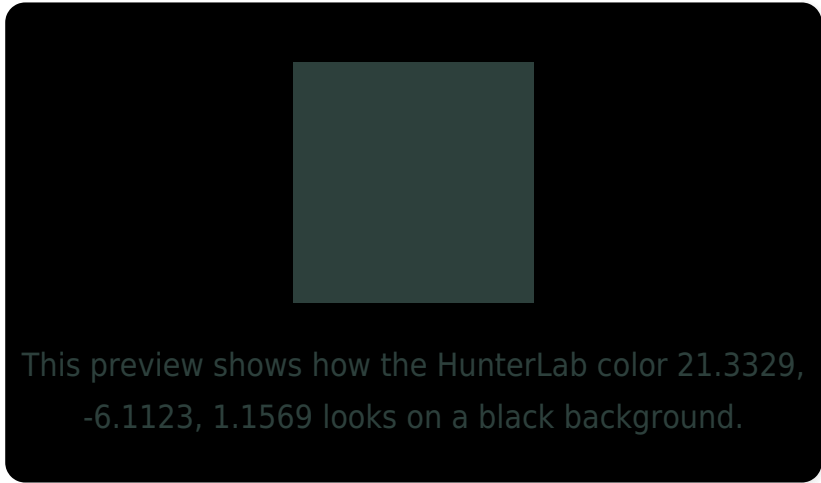
Large Text (above 18pt) WCAG AA ✓ Pass

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

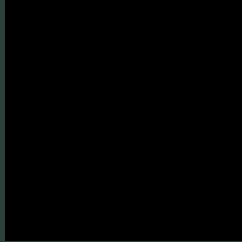
Any Text WCAG AA × Fail

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 21.3329, -6.1123, 1.1569 Background



This preview shows how black text looks on a background with the HunterLab color 21.3329, -6.1123, 1.1569.

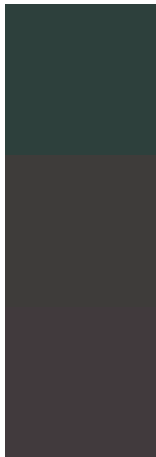


This preview shows how white text looks on a background with the HunterLab color 21.3329, -6.1123,

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

21.3329, -6.1123, 1.1569

Protanopia

21.3573, -0.8835, 2.0321

Deuteranopia

21.1822, 1.1499, 0.7150



Tritanopia

21.3932, -4.1200, -2.0463

Trichromacy



Original Color

21.3329, -6.1123, 1.1569

Protanomaly

21.1991, -2.6679, 1.4437

Deuteranomaly

21.1381, -1.4987, 0.6157

Tritanomaly

21.2544, -4.7918, -0.9375

Monochromacy



Original Color

21.3329, -6.1123, 1.1569

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.7470, -2.9811, 0.9075

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3329, -6.1123, 1.1569 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(45, 64, 60)` looks like.

```
.text, #text, p{  
    color:rgb(45, 64, 60)  
}
```

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(45, 64, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 64, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3329, -6.1123, 1.1569 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(45, 64, 60) }
```


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

```
.border{ border-color:rgb(45, 64, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 64, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 64, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 64, 60);  
box-shadow:4px 4px 4px 4px rgb(45, 64, 60)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.3329, -6.1123, 1.1569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 64, 60) }
```

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

```
.background{ background-color: rgb(45, 64,  
60) }
```

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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