

Converting Colors

HunterLab(33.3253, -0.2237,
-13.9877)

Have a look what the booklet for
HunterLab(33.3253, -0.2237,
-13.9877) contains.

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Color

**HunterLab(33.3253, -0.2237,
-13.9877)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 4E5E7D |
| RGB | 78, 94, 125 |
| RGB Percent | 31%, 37%, 49% |
| CMY | 0.6941, 0.6314, 0.5098 |
| CMYK | 0.38, 0.25, 0.00, 0.51 |
| HSL | 220°, 23%, 40% |
| HSV | 220°, 38%, 49% |
| XYZ | 10.8462, 11.1058, 20.9740 |
| YIQ | 92.7500, -19.4870, 6.2490 |

Conversions

Conversions Part 2

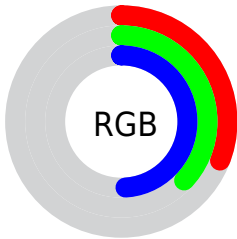
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 78, 90, 125 |
| Decimal | 5135997 |
| CIE Lab | 39.76, 2.18, -19.37 |
| CIE LCh | 40, 19.493, 276.435 |
| Yxy | 11.1062, 0.2527, 0.2587 |
| Android (android.graphics.Color) | 4283326077 (0xFF4E5E7D) |
| YUV | 92.7500, 15.8993, -12.9358 |
| Hunter-Lab | 33.3253, -0.2237, -13.9877 |

Details

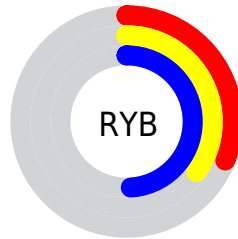
The HunterLab color **33.3253, -0.2237, -13.9877** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **39.8089, -1.0552, 13.7761**, and the grayscale version is **32.9410, -1.7576, 1.7897**.

A 20% lighter version of the original color is **52.7522, -0.7443, -14.8468**, and **17.0638, 0.4419, -13.2352** is the 20% darker color. If you saturate the color by 10%, you get **30.3950, 0.9752, -19.1006**, and if you desaturate by 10%, it is **36.3742, -1.1220, -9.2316**.

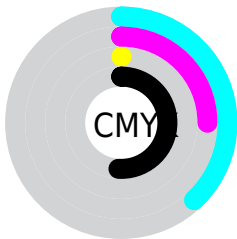
Distribution



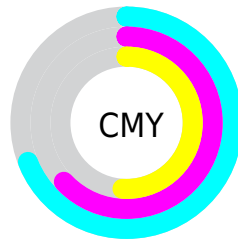
- Red (31%)
- Green (37%)
- Blue (49%)



- Red (31%)
- Yellow (35%)
- Blue (49%)



- Cyan (38%)
- Magenta (25%)
- Yellow (0%)
- Black (51%)



- Cyan (69%)
- Magenta (63%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.3253, -0.2237, -13.9877 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 33.3253, -0.2237, -13.9877 by changing the saturation by 10% instead.

■ 33.3253, -0.2237,
-13.9877

■ 33.3253, -0.2237,
-13.9877

■ 140.8526, -5.0213,
-15.0215

■ 24.7756, 0.0891,
-13.5616

■ 52.7791, -1.0096,
-14.6449

■ 17.1154, 0.3383,
-13.0975

■ 63.5668, -1.4716,
-14.8731

■ 10.4641, 0.5099,
-12.6852

■ 75.0033, -1.9746,
-15.0376

0.0000, INF, -NF

0.0000, NaN, -NF

■ 87.0537, -2.5158,
-15.1417

0.0000, NaN, NaN

■ 99.6882, -3.0930,
-15.1890

0.0000, NaN, NaN

112.8809, -3.7040,

0.0000, NaN, NaN

-15.1828

0.0000, NaN, NaN

126.6090, -4.3473,
-15.1261

■ 33.3253, -0.2237,
-13.9877

■ 33.3253, -0.2237,
-13.9877

■ 30.3950, 0.9752,
-19.1006

■ 36.3742, -1.1220,
-9.2316

■ 27.5996, 2.5343,
-24.6291

■ 39.5253, -1.7687,
-4.7800

■ 24.9624, 4.5195,
-30.6228

■ 42.7673, -2.2049,
-0.5836

■ 22.5112, 6.9971,
-37.1076

■ 46.0909, -2.4639,
3.3994

■ 20.2795, 10.0173,
-44.0536

■ 49.4880, -2.5728,
7.2040

■ 18.2797, 13.5151,
-51.4305

■ 52.9522, -2.5535,
10.8598

■ 17.8219, 14.3780,
-53.3138

■ 56.4781, -2.4241,
14.3909

■ 60.0610, -2.1991,
17.8177

■ 63.6970, -1.8907,
21.1568

Harmonies

Analogous

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



33.3259, -7.1036, -12.5495



33.3253, -0.2237, -13.9877



33.3259, 6.7907, -10.5260

Triad

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



33.3259, -0.2240, -13.9870



33.3259, 10.0263, 8.6882



33.3259, -13.4760, 6.6334

Complementary

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



33.3253, -0.2237, -13.9877



39.8089, -1.0552, 13.7761

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.



33.3259, -9.5635, 10.7188



33.3253, -0.2237, -13.9877



33.3259, 3.9003, 11.7184

Square

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



33.3259, -0.2240, -13.9870



33.3259, 13.0223, 3.2478



33.3259, -3.3080, 12.3744



33.3259, -14.3786, 0.3136

Rectangle

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



33.3253, -0.2237, -13.9877



33.3259, 10.4759, -6.2631



33.3259, -3.3080, 12.3744



33.3259, -12.4863, 8.2688

Sweetspot

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



33.3259, -0.2240, -13.9870



55.6264, -2.7662, -2.8044



41.6913, -16.3933, 5.0075



26.3076, -1.2906, -1.6232



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



33.3259, -0.2240, -13.9870



41.2557, 1.0338, -24.4927



29.7715, 8.9191, -20.1383



21.0536, -1.0713, -0.6006



18.1735, 14.7737, -54.6074

0.0000, NaN, NaN

Inverse Universe

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



32.5841, 15.3029, 1.0764



40.3880, 25.9430, 1.6359



43.6641, -10.2949, 16.9378



20.8963, 0.8762, 0.9401



21.7438, 38.0528, 7.7258

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 33.3253, -0.2237, -13.9877 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



This preview shows how the HunterLab color 33.3253, -0.2237, -13.9877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

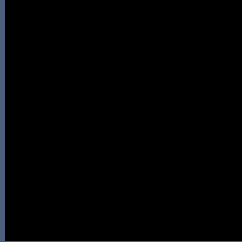
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

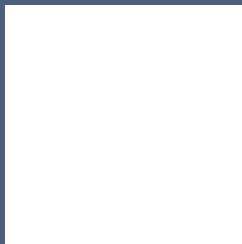
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 33.3253, -0.2237, -13.9877 Background



This preview shows how black text looks on a background with the HunterLab color 33.3253, -0.2237, -13.9877.

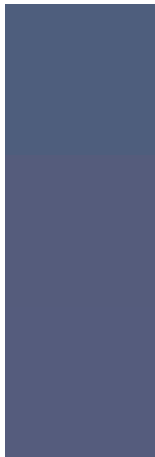


This preview shows how white text looks on a background with the HunterLab color 33.3253, -0.2237, -13.9877.

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

33.3253, -0.2237, -13.9877

Protanopia

33.2277, 2.0801, -13.5142

Deuteranopia

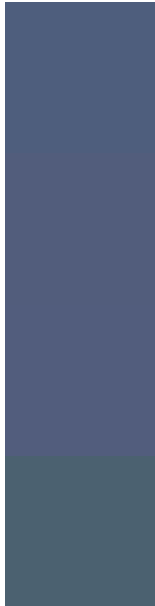
33.2660, 2.2851, -14.0419



Tritanopia

33.4242, -6.8761, -3.2316

Trichromacy



Original Color

33.3253, -0.2237, -13.9877

Protanomaly

33.2833, 0.9200, -13.4435

Deuteranomaly

33.3215, 1.1260, -13.9704

Tritanomaly

33.4889, -4.7663, -6.5871

Monochromacy



Original Color

33.3253, -0.2237, -13.9877

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

33.0505, -1.1908, -3.6304

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3253, -0.2237, -13.9877 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(78, 94, 125)` looks like.

```
.text, #text, p{  
    color:rgb(78, 94, 125)  
}
```

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(78, 94, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 94, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3253, -0.2237, -13.9877 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(78, 94, 125) }
```


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

```
.border{ border-color:rgb(78, 94, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 94, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 94, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 94, 125);  
box-shadow:4px 4px 4px 4px rgb(78, 94,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.3253, -0.2237, -13.9877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 94, 125) }
```

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

```
.background{ background-color: rgb(78, 94,  
125) }
```

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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