

Converting Colors

HunterLab(21.0250, -4.1228,
-2.5387)

Have a look what the booklet for
HunterLab(21.0250, -4.1228,
-2.5387) contains.

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Color

**HunterLab(21.0250, -4.1228,
-2.5387)**

Conversions

Conversions Part 1

Format	Color
Hex	2D3E44
RGB	45, 62, 68
RGB Percent	18%, 24%, 27%
CMY	0.8235, 0.7569, 0.7333
CMYK	0.34, 0.09, 0.00, 0.73
HSL	196°, 20%, 22%
HSV	196°, 34%, 27%
XYZ	3.8482, 4.4205, 6.1193
YIQ	57.6010, -12.0580, -1.7380

Conversions

Conversions Part 2

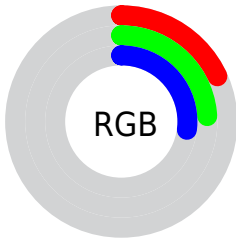
Format	Color
R_{YB}	45, 55, 68
Decimal	2965060
CIE Lab	25.02, -5.10, -5.89
CIE LCh	25, 7.794, 229.107
Yxy	4.4207, 0.2675, 0.3072
Android (android.graphics.Color)	4281155140 (0xFF2D3E44)
YUV	57.6010, 5.1267, -11.0511
Hunter-Lab	21.0250, -4.1228, -2.5387

Details

The HunterLab color **21.0250, -4.1228, -2.5387** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.4580, 3.0234, 4.4777**, and the grayscale version is **20.4195, -1.0895, 1.1094**.

A 20% lighter version of the original color is **38.0441, -5.4196, -2.4026**, and **7.5531, -3.1594, -2.6205** is the 20% darker color. If you saturate the color by 10%, you get **20.2210, -4.6850, -3.6574**, and if you desaturate by 10%, it is **21.8715, -3.4256, -1.4081**.

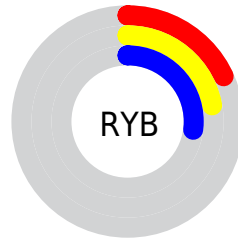
Distribution



Red (18%)

Green (24%)

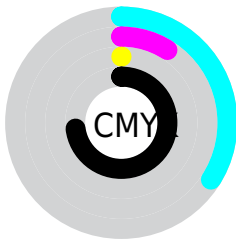
Blue (27%)



Red (18%)

Yellow (22%)

Blue (27%)

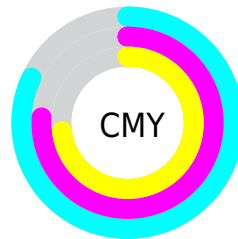


Cyan (34%)

Magenta (9%)

Yellow (0%)

Black (73%)



Cyan (82%)

Magenta (76%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0250, -4.1228, -2.5387 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 21.0250, -4.1228, -2.5387 by changing the saturation by 10% instead.

■ 21.0250, -4.1228,
-2.5387

■ 21.0250, -4.1228,
-2.5387

■ 120.0328,
-11.8810, 0.3112

■ 13.8259, -3.3229,
-2.5343

■ 38.1487, -5.7317,
-2.2971

■ 7.4519, -3.3814,
-2.8790

■ 47.9014, -6.5548,
-2.0746

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.3674, -7.3948,
-1.7945

0.0000, NaN, NaN

■ 69.5009, -8.2530,
-1.4624

0.0000, NaN, NaN

■ 81.2641, -9.1305,
-1.0825

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.6250, -10.0275,

-0.6583

0.0000, NaN, NaN

106.5560,
-10.9443, -0.1930

■ 21.0250, -4.1228,
-2.5387

■ 21.0250, -4.1228,
-2.5387

■ 20.2210, -4.6850,
-3.6574

■ 21.8715, -3.4256,
-1.4081

■ 19.4603, -5.1007,
-4.7602

■ 22.7573, -2.6037,
-0.2709

■ 18.7450, -5.3605,
-5.8414

■ 23.6806, -1.6682,
0.8699

■ 18.0764, -5.4566,
-6.8949

■ 24.6393, -0.6296,
2.0116

■ 17.4552, -5.3842,
-7.9147

■ 25.6313, 0.5023,
3.1521

■ 16.8630, -5.2111,
-8.9289

■ 26.6548, 1.7186,
4.2898

■ 16.4959, -5.1128,
-9.5814

■ 27.7079, 3.0110,
5.4237

■ 28.7888, 4.3723,
6.5529

■ 29.8960, 5.7958,
7.6772

Harmonies

Analogous

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



21.0254, -5.3975, -0.3781



21.0250, -4.1228, -2.5387



21.0254, -2.0071, -3.7564

Triad

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



21.0254, -4.1230, -2.5383



21.0254, 3.7130, 0.2786



21.0254, -2.6450, 4.9586

Complementary

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



21.0250, -4.1228, -2.5387



19.4580, 3.0234, 4.4777

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.



21.0254, -0.2240, 5.0916



21.0250, -4.1228, -2.5387



21.0254, 3.5229, 2.5611

Square

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



21.0254, -4.1230, -2.5383



21.0254, 2.5633, -2.0104



21.0254, 2.0553, 4.2621



21.0254, -4.5716, 3.8755

Rectangle

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



21.0250, -4.1228, -2.5387



21.0254, -0.3711, -3.7863



21.0254, 2.0553, 4.2621



21.0254, -1.8645, 5.1109

Sweetspot

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



21.0254, -4.1230, -2.5383



30.4120, -3.0298, 0.1535



22.2015, -8.7712, 5.2395



15.7847, -1.6183, 0.0280



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.



21.0254, -4.1230, -2.5383



26.7719, -6.1057, -4.6632



18.2243, 0.4164, -6.5554



11.9693, -1.0900, 0.1744



23.3400, -6.8414, -14.4044



57.1208, -15.2094, -38.5633

Inverse Universe

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



18.5840, 7.7414, -2.9537



22.8608, 13.3894, -5.2144



22.1156, -1.6240, 6.9431



11.6270, 0.4815, 0.1006



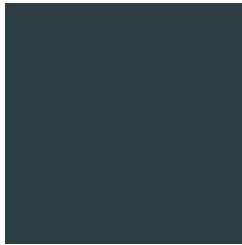
17.3173, 32.3299, -9.5346



43.1968, 80.3379, -21.4054

Previews

White Background



This preview shows how the HunterLab color 21.0250, -4.1228, -2.5387 looks on a white background.

Color Contrast Check

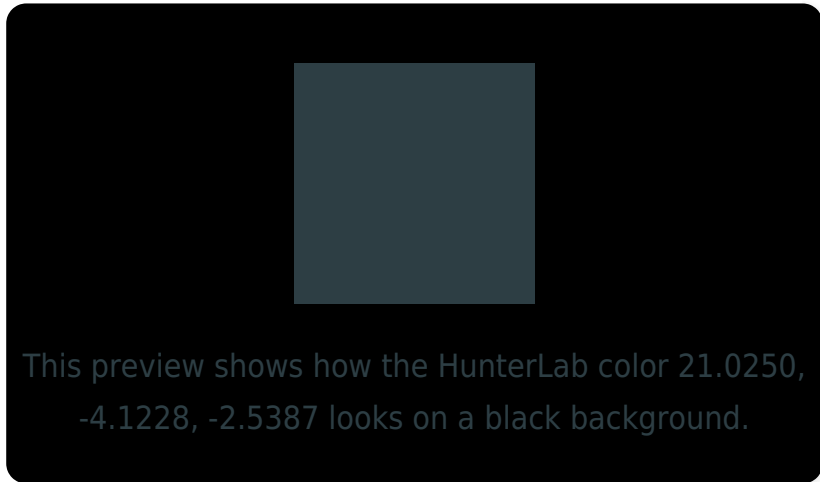
Large Text (above 18pt) WCAG AA ✓ Pass

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

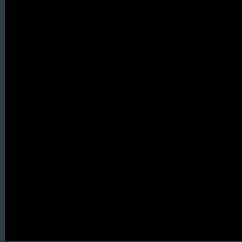
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

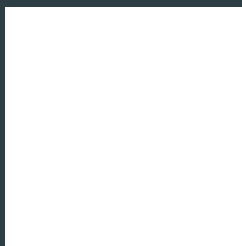
Any Text WCAG AAA × Fail

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

HunterLab 21.0250, -4.1228, -2.5387 Background



This preview shows how black text looks on a background with the HunterLab color 21.0250, -4.1228, -2.5387.



This preview shows how white text looks on a background with the HunterLab color 21.0250, -4.1228, -2.5387.

-2.5387.

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

21.0250, -4.1228, -2.5387

Protanopia

21.0257, -0.3555, -1.5846

Deuteranopia

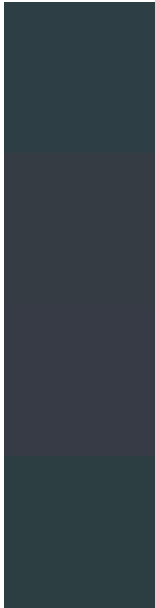
21.0153, 1.0266, -2.9169



Tritanopia

20.9962, -4.2849, -2.1325

Trichromacy



Original Color

21.0250, -4.1228, -2.5387

Protanomaly

20.9615, -1.7927, -2.1350

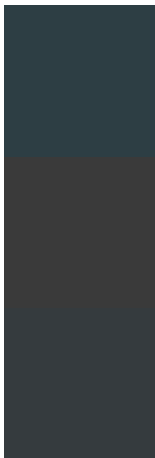
Deuteranomaly

20.9041, -0.6016, -3.0984

Tritanomaly

20.9962, -4.2849, -2.1325

Monochromacy



Original Color

21.0250, -4.1228, -2.5387

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.5733, -2.1513, -0.4945

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0250, -4.1228, -2.5387 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, 62, 68)` looks like.

```
.text, #text, p{  
  color:rgb(45, 62, 68)  
}
```

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, 62, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 62, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0250, -4.1228, -2.5387 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, 62, 68) }
```


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

```
.border{ border-color:rgb(45, 62, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 62, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 62, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 62, 68);  
box-shadow:4px 4px 4px 4px rgb(45, 62, 68)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0250, -4.1228, -2.5387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 62, 68) }
```

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

```
.background{ background-color: rgb(45, 62,  
68) }
```

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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