

Converting Colors

HunterLab(21.0908, -1.2873,
-13.9048)

Have a look what the booklet for
HunterLab(21.0908, -1.2873,
-13.9048) contains.

HunterLab(21.0145, -1.3968, -13.7409)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(21.0145, -1.3968,
-13.7409)**

Conversions

Conversions Part 1

Format	Color
Hex	233D59
RGB	35, 61, 89
RGB Percent	14%, 24%, 35%
CMY	0.8627, 0.7608, 0.6510
CMYK	0.61, 0.31, 0.00, 0.65
HSL	211°, 44%, 24%
HSV	211°, 61%, 35%
XYZ	4.1651, 4.4161, 10.0841
YIQ	56.4180, -24.4840, 3.1960

Conversions

Conversions Part 2

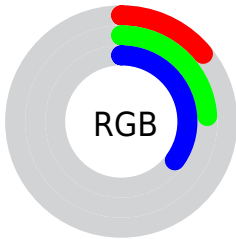
Format	Color
R_{YB}	35, 53, 89
Decimal	2309465
CIE _{Lab}	25.00, -0.45, -19.79
CIE _{LCh}	25, 19.799, 268.685
Yxy	4.4162, 0.2231, 0.2366
Android (android.graphics.Color)	4280499545 (0xFF233D59)
YUV	56.4180, 16.0629, -18.7836
Hunter-Lab	21.0145, -1.3968, -13.7409

Details

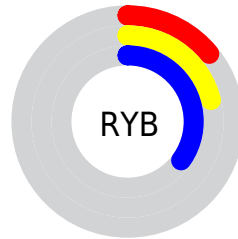
The HunterLab color **21.0145, -1.3968, -13.7409** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **24.0842, 3.8107, 10.9923**, and the grayscale version is **19.9822, -1.0662, 1.0857**.

A 20% lighter version of the original color is **38.0447, -2.3989, -14.6653**, and **8.0010, 0.9215, -11.9899** is the 20% darker color. If you saturate the color by 10%, you get **19.5145, -0.6285, -16.7016**, and if you desaturate by 10%, it is **22.5971, -1.9164, -10.9075**.

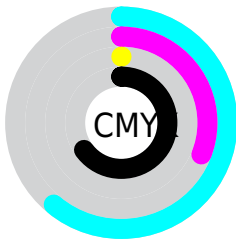
Distribution



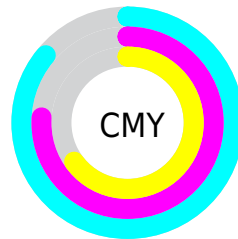
- Red (14%)
- Green (24%)
- Blue (35%)



- Red (14%)
- Yellow (21%)
- Blue (35%)



- Cyan (61%)
- Magenta (31%)
- Yellow (0%)
- Black (65%)



- Cyan (86%)
- Magenta (76%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0145, -1.3968, -13.7409 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 21.0145, -1.3968, -13.7409 by changing the saturation by 10% instead.

21.0145, -1.3968,
-13.7409

21.0145, -1.3968,
-13.7409

120.0140, -6.9013,
-15.6740

13.8167, -0.9763,
-13.2795

38.1358, -2.3717,
-14.6041

7.4417, -0.6636,
-13.8392

47.8875, -2.9191,
-14.9448

0.0000, NaN, -NF

58.3525, -3.5027,
-15.2183

0.0000, NaN, NaN

69.4852, -4.1205,
-15.4267

0.0000, NaN, NaN

81.2476, -4.7707,
-15.5731

0.0000, NaN, NaN

93.6077, -5.4518,

0.0000, NaN, NaN

-15.6609

0.0000, NaN, NaN

106.5379, -6.1623,
-15.6935

21.0145, -1.3968,
-13.7409

21.0145, -1.3968,
-13.7409

19.5145, -0.6285,
-16.7016

22.5971, -1.9164,
-10.9075

18.1051, 0.4155,
-19.7873

24.2530, -2.2159,
-8.1992

16.7941, 1.7515,
-22.9879

25.9752, -2.3224,
-5.6081

15.6148, 3.1007,
-26.2108

27.7571, -2.2603,
-3.1240

29.5932, -2.0511,
-0.7363

■ 31.4787, -1.7133,
1.5655

■ 33.4093, -1.2631,
3.7917

■ 35.3813, -0.7138,
5.9514

■ 37.3917, -0.0770,
8.0529

Harmonies

Analogous

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



21.0149, -6.9948, -11.1102



21.0145, -1.3968, -13.7409



21.0149, 4.9440, -11.5141

Triad

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



21.0149, -1.3967, -13.7404



21.0149, 10.4566, 5.9126



21.0149, -10.4109, 6.2478

Complementary

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



21.0145, -1.3968, -13.7409



24.0842, 3.8107, 10.9923

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.



21.0149, -6.5703, 8.8880



21.0145, -1.3968, -13.7409



21.0149, 5.4752, 8.7379

Square

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



21.0149, -1.3967, -13.7404



21.0149, 12.2488, 0.8806



21.0149, -0.8467, 9.6467



21.0149, -11.8103, 1.4038

Rectangle

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



21.0145, -1.3968, -13.7409



21.0149, 8.6561, -7.8588



21.0149, -0.8467, 9.6467



21.0149, -9.3864, 7.3636

Sweetspot

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



21.0149, -1.3967, -13.7404



36.7769, -2.9117, -3.4163



28.0357, -16.2086, 7.0770



18.2743, -1.4858, -2.0361



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



21.0149, -1.3967, -13.7404



24.6366, -0.2367, -23.6758



15.1552, 10.3256, -27.4558



14.8377, -0.9885, -0.1421



18.6575, 4.3533, -32.7179



42.1603, 14.4425, -83.8739

Inverse Universe

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



19.1390, 18.3929, -1.5618



22.5077, 29.4048, -1.4589



30.5709, -7.3144, 15.6253



14.6083, 0.5725, 0.4593



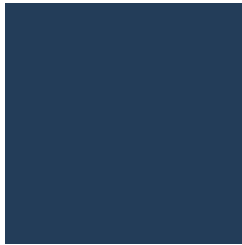
18.3740, 32.7942, 1.5774



43.3421, 76.9729, 6.7023

Previews

White Background



This preview shows how the HunterLab color 21.0145, -1.3968, -13.7409 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



This preview shows how the HunterLab color 21.0145, -1.3968, -13.7409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

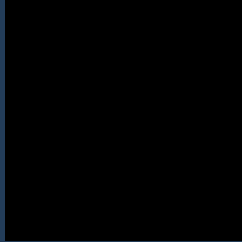
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

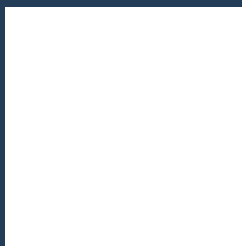
Any Text WCAG AAA × Fail

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

HunterLab 21.0145, -1.3968, -13.7409 Background



This preview shows how black text looks on a background with the HunterLab color 21.0145, -1.3968, -13.7409.

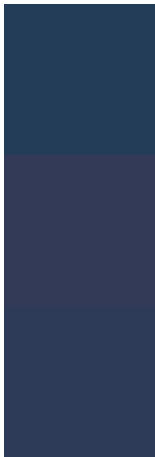


This preview shows how white text looks on a background with the HunterLab color 21.0145, -1.3968,

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

21.0145, -1.3968, -13.7409

Protanopia

20.9579, 2.0657, -12.5583

Deuteranopia

20.9931, 1.0939, -13.7377



Tritanopia

21.0770, -7.9058, -3.4505

Trichromacy



Original Color

21.0145, -1.3968, -13.7409

Protanomaly

20.9533, 0.8799, -13.1979

Deuteranomaly

21.0343, -0.0354, -13.6798

Tritanomaly

21.1278, -5.8857, -6.7875

Monochromacy



Original Color

21.0145, -1.3968, -13.7409

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.1788, -1.9164, -3.6682

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0145, -1.3968, -13.7409 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(35, 61, 89)` looks like.

```
.text, #text, p{  
    color:rgb(35, 61, 89)  
}
```

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(35, 61, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 61, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0145, -1.3968, -13.7409 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(35, 61, 89) }
```


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

```
.border{ border-color:rgb(35, 61, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 61, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 61, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 61, 89);  
box-shadow:4px 4px 4px 4px rgb(35, 61, 89)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0145, -1.3968, -13.7409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 61, 89) }
```

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

```
.background{ background-color: rgb(35, 61,  
89) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor