

Converting Colors

HunterLab(21.1038, -7.9871,
1.4437)

Have a look what the booklet for
HunterLab(21.1038, -7.9871, 1.4437)
contains.

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Color

**HunterLab(21.1646, -8.2197,
1.6837)**

Conversions

Conversions Part 1

Format	Color
Hex	25413A
RGB	37, 65, 58
RGB Percent	15%, 25%, 23%
CMY	0.8549, 0.7451, 0.7725
CMYK	0.43, 0.00, 0.11, 0.75
HSL	165°, 27%, 20%
HSV	165°, 43%, 25%
XYZ	3.4170, 4.4794, 4.6875
YIQ	55.8300, -14.4410, -8.1130

Conversions

Conversions Part 2

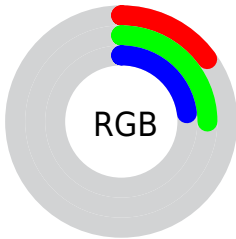
Format	Color
R_{YB}	37, 53, 65
Decimal	2441530
CIE Lab	25.20, -12.55, 0.93
CIE LCh	25, 12.588, 175.745
Yxy	4.4796, 0.2715, 0.3560
Android (android.graphics.Color)	4280631610 (0xFF25413A)
YUV	55.8300, 1.0698, -16.5139
Hunter-Lab	21.1646, -8.2197, 1.6837

Details

The HunterLab color **21.1646, -8.2197, 1.6837** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.2139, 7.9149, 1.4154**, and the grayscale version is **19.8287, -1.0580, 1.0773**.

A 20% lighter version of the original color is **38.3004, -10.9958, 2.7192**, and **8.0454, -5.3685, 1.5330** is the 20% darker color. If you saturate the color by 10%, you get **20.8652, -9.4502, 1.9229**, and if you desaturate by 10%, it is **21.5117, -6.8314, 1.4957**.

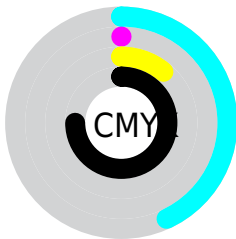
Distribution



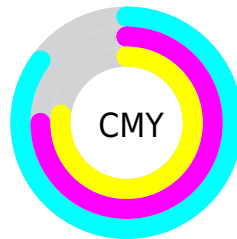
- Red (15%)
- Green (25%)
- Blue (23%)



- Red (15%)
- Yellow (21%)
- Blue (25%)



- Cyan (43%)
- Magenta (0%)
- Yellow (11%)
- Black (75%)



- Cyan (85%)
- Magenta (75%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1646, -8.2197, 1.6837 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 21.1646, -8.2197, 1.6837 by changing the saturation by 10% instead.

■ 21.1646, -8.2197,
1.6837

■ 21.1646, -8.2197,
1.6837

■ 120.2822,
-19.7145, 7.5051

■ 13.9474, -6.7724,
1.2201

■ 38.3189, -10.8933,
2.7369

■ 7.5855, -7.6162,
0.9233

■ 48.0850, -12.1753,
3.3205

0.0000, NaN, NaN

■ 58.5635, -13.4400,
3.9394

0.0000, NaN, NaN

■ 69.7087, -14.6954,
4.5916

0.0000, NaN, NaN

■ 81.4831, -15.9471,
5.2755

0.0000, NaN, NaN

■ 93.8546, -17.1990,

0.0000, NaN, NaN

106.7956,
-18.4541, 6.7335

21.1646, -8.2197,
1.6837

21.1646, -8.2197,
1.6837

20.8652, -9.4502,
1.9229

21.5117, -6.8314,
1.4957

20.6117, -10.5169,
2.2097

21.9055, -5.2928,
1.3598

20.4029, -11.4178,
2.5406

22.3462, -3.6141,
1.2772

20.2370, -12.1549,
2.9109

22.8330, -1.8069,
1.2477

20.0973, -12.7905,
3.2992

23.3650, 0.1167,
1.2705

■ 20.0010, -13.2304,
3.5612

■ 23.9409, 2.1440,
1.3443

■ 24.5592, 4.2627,
1.4670

■ 25.2184, 6.4611,
1.6365

■ 25.9167, 8.7282,
1.8501

Harmonies

Analogous

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



21.1650, -7.0795, 4.8466



21.1646, -8.2197, 1.6837



21.1650, -7.5788, -2.2523

Triad

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



21.1650, -8.2200, 1.6840



21.1650, 2.2896, -6.4910



21.1650, 3.3416, 6.3196

Complementary

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



21.1646, -8.2197, 1.6837



16.2139, 7.9149, 1.4154

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.



21.1650, 6.1963, 4.0707



21.1646, -8.2197, 1.6837



21.1650, 5.5582, -3.3581

Square

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



21.1650, -8.2200, 1.6840



21.1650, -1.6940, -7.4476



21.1650, 7.0357, 0.6060



21.1650, -0.5609, 7.1913

Rectangle

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



21.1646, -8.2197, 1.6837



21.1650, -6.2001, -4.7391



21.1650, 7.0357, 0.6060



21.1650, 4.4664, 5.7225

Sweetspot

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



21.1650, -8.2200, 1.6840



28.9638, -4.7952, 1.6605



21.1192, -9.2088, 7.9385



15.1668, -2.6525, 0.8764



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.



21.1650, -8.2200, 1.6840



27.0311, -12.4251, 2.5331



19.6176, -4.7236, -3.1096



12.1476, -1.5129, 0.6769



30.0127, -20.0654, 5.8022



75.0765, -50.8821, 16.0008

Inverse Universe

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



16.2139, 7.9149, 1.4154



19.1777, 13.4108, 2.2500



17.3905, 4.4386, 4.8262



11.5896, 0.2799, 0.6329



16.1332, 28.0432, 7.2107



40.2465, 69.6354, 20.4874

Previews

White Background



This preview shows how the HunterLab color 21.1646, -8.2197, 1.6837 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 21.1646, -8.2197, 1.6837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

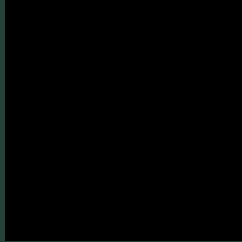
Any Text WCAG AA × Fail

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 21.1646, -8.2197, 1.6837 Background



This preview shows how black text looks on a background with the HunterLab color 21.1646, -8.2197, 1.6837.



This preview shows how white text looks on a background with the HunterLab color 21.1646, -8.2197,

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

21.1646, -8.2197, 1.6837

Protanopia

21.0426, -0.8561, 2.7673

Deuteranopia

21.1570, 1.0144, 1.0745



Tritanopia

21.0613, -5.2722, -2.9641

Trichromacy



Original Color

21.1646, -8.2197, 1.6837

Protanomaly

20.9282, -3.7807, 2.2303

Deuteranomaly

21.1317, -2.9076, 1.3611

Tritanomaly

21.1655, -6.4745, -1.0804

Monochromacy



Original Color

21.1646, -8.2197, 1.6837

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.1899, -3.7775, 1.0074

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1646, -8.2197, 1.6837 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(37, 65, 58)` looks like.

```
.text, #text, p{  
    color:rgb(37, 65, 58)  
}
```

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(37, 65, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 65, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1646, -8.2197, 1.6837 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(37, 65, 58) }
```


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

```
.border{ border-color:rgb(37, 65, 58) }
```

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

Here you see how a box with a 4 pixel rgb(37, 65, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 65, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 65, 58);  
box-shadow:4px 4px 4px 4px rgb(37, 65, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.1646, -8.2197, 1.6837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 65, 58) }
```

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

```
.background{ background-color: rgb(37, 65,  
58) }
```

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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