

Converting Colors

HunterLab(20.1222, 1.8054,
-12.3982)

Have a look what the booklet for
HunterLab(20.1222, 1.8054,
-12.3982) contains.

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Color

**HunterLab(20.1811, 1.7139,
-12.1761)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3854
RGB	47, 56, 84
RGB Percent	18%, 22%, 33%
CMY	0.8157, 0.7804, 0.6706
CMYK	0.44, 0.33, 0.00, 0.67
HSL	225°, 28%, 26%
HSV	225°, 44%, 33%
XYZ	4.1867, 4.0728, 8.9530
YIQ	56.5010, -14.3520, 6.8000

Conversions

Conversions Part 2

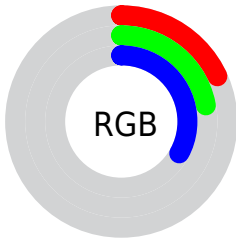
Format	Color
RYB	47, 54, 84
Decimal	3094612
CIELab	23.91, 4.55, -18.16
CIElCh	24, 18.720, 284.079
Yxy	4.0729, 0.2432, 0.2366
Android (android.graphics.Color)	4281284692 (0xFF2F3854)
YUV	56.5010, 13.5570, -8.3324
Hunter-Lab	20.1811, 1.7139, -12.1761

Details

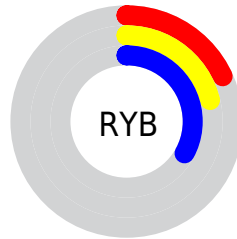
The HunterLab color **20.1811, 1.7139, -12.1761** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **26.6877, -1.9881, 10.4350**, and the grayscale version is **20.0162, -1.0680, 1.0875**.

A 20% lighter version of the original color is **37.2218, 1.3892, -12.9661**, and **6.6876, 2.5810, -12.8513** is the 20% darker color. If you saturate the color by 10%, you get **18.2060, 2.9195, -16.0455**, and if you desaturate by 10%, it is **22.2441, 0.7145, -8.6372**.

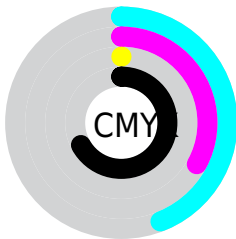
Distribution



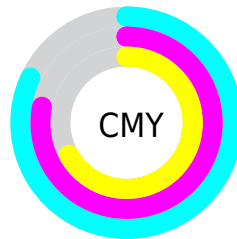
- Red (18%)
- Green (22%)
- Blue (33%)



- Red (18%)
- Yellow (21%)
- Blue (33%)



- Cyan (44%)
- Magenta (33%)
- Yellow (0%)
- Black (67%)



- Cyan (82%)
- Magenta (78%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1811, 1.7139, -12.1761 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 20.1811, 1.7139, -12.1761 by changing the saturation by 10% instead.

■ 20.1811, 1.7139,
-12.1761

■ 20.1811, 1.7139,
-12.1761

■ 118.5174, -1.3844,
-13.7050

■ 13.0937, 1.7387,
-11.7281

■ 37.1171, 1.4081,
-12.9669

■ 6.5801, 2.6642,
-13.1263

■ 46.7877, 1.1544,
-13.2625

0.0000, NaN, -NF

■ 57.1773, 0.8447,
-13.4889

0.0000, NaN, NaN

■ 68.2390, 0.4846,
-13.6492

0.0000, NaN, NaN

■ 79.9343, 0.0784,
-13.7472

0.0000, NaN, NaN

■ 92.2306, -0.3703,

0.0000, NaN, NaN

-13.7869

0.0000, NaN, NaN

105.0998, -0.8587,
-13.7718

■ 20.1811, 1.7139,
-12.1761

■ 20.1811, 1.7139,
-12.1761

■ 18.2060, 2.9195,
-16.0455

■ 22.2441, 0.7145,
-8.6372

■ 16.3337, 4.3752,
-20.3049

■ 24.3817, -0.1155,
-5.3746

■ 14.5851, 6.1270,
-25.0019

■ 26.5846, -0.8067,
-2.3391

■ 12.9869, 8.2137,
-30.1459

■ 28.8454, -1.3833,
0.5101

■ 11.5526, 10.5920,
-35.7424

■ 31.1580, -1.8650,
3.2062

■ 10.7508, 12.0367,
-39.4214

■ 33.5175, -2.2673,
5.7767

■ 35.9199, -2.6026,
8.2435

■ 38.3618, -2.8811,
10.6246

■ 40.8404, -3.1109,
12.9346

Harmonies

Analogous

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



20.1815, -4.0533, -12.0346



20.1811, 1.7139, -12.1761



20.1815, 7.3012, -8.1298

Triad

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



20.1815, 1.7138, -12.1756



20.1815, 7.5958, 7.1838



20.1815, -10.7411, 3.8029

Complementary

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



20.1811, 1.7139, -12.1761



26.6877, -1.9881, 10.4350

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.



20.1815, -8.2798, 7.3414



20.1811, 1.7139, -12.1761



20.1815, 2.0805, 8.8819

Square

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



20.1815, 1.7138, -12.1756



20.1815, 10.9484, 3.5177



20.1815, -3.7257, 8.9299



20.1815, -10.8156, -1.6630

Rectangle

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



20.1811, 1.7139, -12.1761



20.1815, 9.9911, -4.1240



20.1815, -3.7257, 8.9299



20.1815, -10.1792, 5.2156

Sweetspot

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



20.1815, 1.7138, -12.1756



35.3129, -1.1156, -2.8607



27.2941, -11.1139, 2.2610



17.6528, -0.5018, -1.7404



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



20.1815, 1.7138, -12.1756



23.8623, 3.9978, -21.6318



18.7650, 7.7010, -14.8037



13.8375, -0.5621, -0.3936



13.1321, 16.2152, -51.4178



29.4969, 45.2552, -134.5615

Inverse Universe

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



20.5025, 11.0178, 2.0065



24.6917, 18.7290, 3.2879



28.3404, -8.2423, 11.6923



13.8246, 0.3990, 0.7652



17.4589, 30.3117, 8.0821



41.7781, 72.2401, 21.6173

Previews

White Background



This preview shows how the HunterLab color 20.1811, 1.7139, -12.1761 looks on a white background.

Color Contrast Check

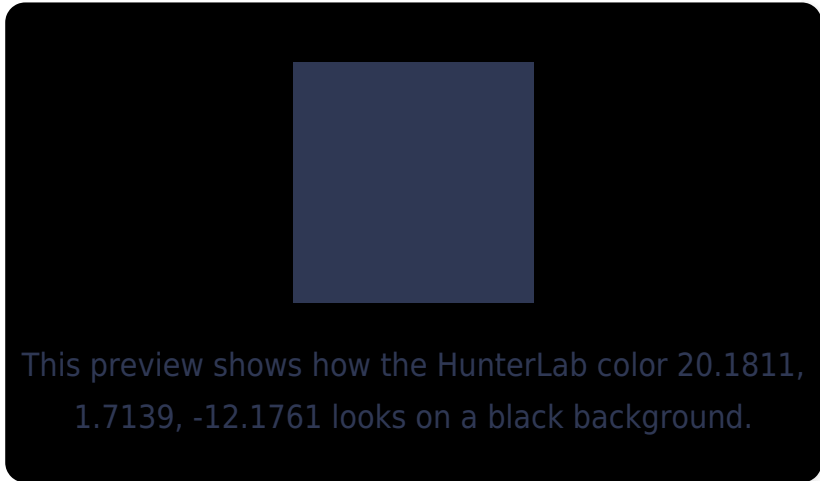
Large Text (above 18pt) WCAG AA ✓ Pass

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

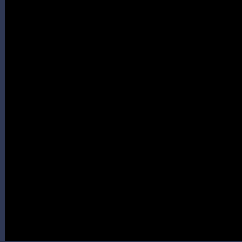
Any Text WCAG AA × Fail

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 20.1811, 1.7139, -12.1761 Background



This preview shows how black text looks on a background with the HunterLab color 20.1811, 1.7139, -12.1761.



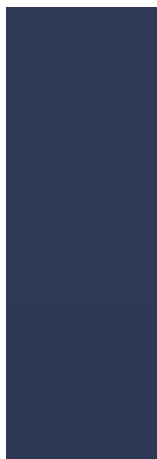
This preview shows how white text looks on a background with the HunterLab color 20.1811, 1.7139, -12.1761.

-12.1761.

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

20.1811, 1.7139, -12.1761

Protanopia

20.1811, 1.7139, -12.1761

Deuteranopia

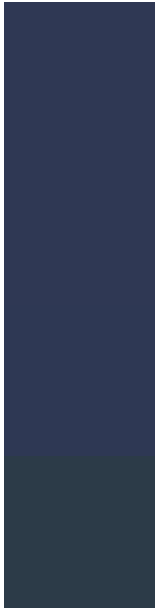
20.0657, 1.3274, -12.3957



Tritanopia

20.2623, -4.4071, -2.2252

Trichromacy



Original Color

20.1811, 1.7139, -12.1761

Protanomaly

20.1811, 1.7139, -12.1761

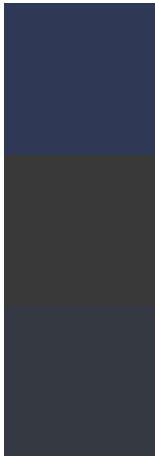
Deuteranomaly

20.1228, 1.5190, -12.2868

Tritanomaly

20.3256, -2.4406, -5.4021

Monochromacy



Original Color

20.1811, 1.7139, -12.1761

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.2198, -0.5630, -3.1215

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1811, 1.7139, -12.1761 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(47, 56, 84)` looks like.

```
.text, #text, p{  
    color:rgb(47, 56, 84)  
}
```

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(47, 56, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 56, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1811, 1.7139, -12.1761 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(47, 56, 84) }
```


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

```
.border{ border-color:rgb(47, 56, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 56, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 56, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 56, 84);  
box-shadow:4px 4px 4px 4px rgb(47, 56, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.1811, 1.7139, -12.1761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 56, 84) }
```

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

```
.background{ background-color: rgb(47, 56,  
84) }
```

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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