

Converting Colors

HunterLab(20.0617, -7.5812,
3.7442)

Have a look what the booklet for
HunterLab(20.0617, -7.5812, 3.7442)
contains.

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Color

**HunterLab(20.0259, -7.4296,
3.6069)**

Conversions

Conversions Part 1

Format	Color
Hex	283D31
RGB	40, 61, 49
RGB Percent	16%, 24%, 19%
CMY	0.8431, 0.7608, 0.8078
CMYK	0.34, 0.00, 0.20, 0.76
HSL	146°, 21%, 20%
HSV	146°, 34%, 24%
XYZ	3.0982, 4.0104, 3.5165
YIQ	53.3530, -8.6640, -8.1840

Conversions

Conversions Part 2

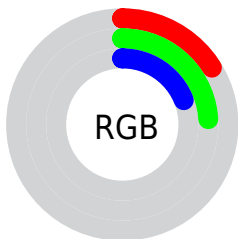
Format	Color
R_{YB}	40, 55, 61
Decimal	2637105
CIE _{Lab}	23.71, -11.43, 4.77
CIE _{LCh}	24, 12.380, 157.352
Yxy	4.0105, 0.2916, 0.3774
Android (android.graphics.Color)	4280827185 (0xFF283D31)
YUV	53.3530, -2.1460, -11.7106
Hunter-Lab	20.0259, -7.4296, 3.6069

Details

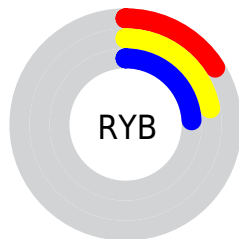
The HunterLab color **20.0259, -7.4296, 3.6069** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.6064, 6.4449, -1.2543**, and the grayscale version is **18.9971, -1.0136, 1.0322**.

A 20% lighter version of the original color is **37.0701, -10.1145, 5.3495**, and **6.8406, -5.7514, 3.8656** is the 20% darker color. If you saturate the color by 10%, you get **19.6710, -8.9359, 4.3244**, and if you desaturate by 10%, it is **20.4284, -5.7705, 2.8901**.

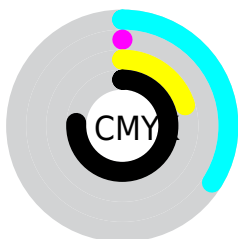
Distribution



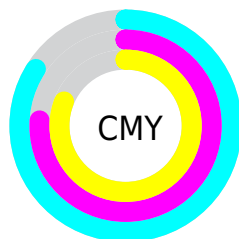
- Red (16%)
- Green (24%)
- Blue (19%)



- Red (16%)
- Yellow (22%)
- Blue (24%)



- Cyan (34%)
- Magenta (0%)
- Yellow (20%)
- Black (76%)



- Cyan (84%)
- Magenta (76%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0259, -7.4296, 3.6069 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 20.0259, -7.4296, 3.6069 by changing the saturation by 10% instead.

■ 20.0259, -7.4296,
3.6069

■ 20.0259, -7.4296,
3.6069

■ 118.2372,
-18.3638, 11.2140

■ 12.9594, -6.0682,
2.8308

■ 36.9269, -9.9513,
5.1708

■ 6.4055, -8.1144,
3.4336

■ 46.5822, -11.1652,
5.9740

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.9576, -12.3658,
6.7957

0.0000, NaN, NaN

■ 68.0060, -13.5606,
7.6374

0.0000, NaN, NaN

■ 79.6887, -14.7547,
8.4998

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.9729, -15.9517,

104.8306,
-17.1541, 10.2881

20.0259, -7.4296,
3.6069

20.0259, -7.4296,
3.6069

19.6710, -8.9359,
4.3244

20.4284, -5.7705,
2.8901

19.3626, -10.2778,
5.0355

20.8766, -3.9703,
2.1789

19.1005, -11.4476,
5.7336

21.3700, -2.0428,
1.4789

18.8839, -12.4407,
6.4120

21.9075, -0.0022,
0.7943

18.7107, -13.2569,
7.0635

22.4876, 2.1376,
0.1286

■ 18.5576, -13.9886,
7.6632

■ 23.1085, 4.3632,
-0.5154

■ 18.4739, -14.3878,
7.9684

■ 23.7687, 6.6620,
-1.1356

■ 24.4662, 9.0227,
-1.7307

■ 25.1993, 11.4348,
-2.2998

Harmonies

Analogous

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



20.0263, -5.3494, 5.9024



20.0259, -7.4296, 3.6069



20.0263, -7.8699, 0.1716

Triad

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



20.0263, -7.4299, 3.6071



20.0263, -0.1174, -7.1881



20.0263, 5.1348, 4.8956

Complementary

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



20.0259, -7.4296, 3.6069



16.6064, 6.4449, -1.2543

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.



20.0263, 6.7799, 1.9670



20.0259, -7.4296, 3.6069



20.0263, 3.6028, -5.3251

Square

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



20.0263, -7.4299, 3.6071



20.0263, -3.8304, -6.5231



20.0263, 6.1992, -1.8031



20.0263, 1.8493, 6.5428

Rectangle

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



20.0259, -7.4296, 3.6069



20.0263, -7.2066, -2.4076



20.0263, 6.1992, -1.8031



20.0263, 5.9088, 4.0523

Sweetspot

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



20.0263, -7.4299, 3.6071



27.2872, -4.1673, 2.4592



20.5611, -5.7621, 6.7798



14.4408, -2.2787, 1.3290



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



20.0263, -7.4299, 3.6071



25.5477, -11.2761, 5.4528



20.2661, -6.0487, 0.1767



11.3473, -1.5169, 0.9423



28.6775, -22.6468, 13.0436



72.7945, -58.3628, 35.0017

Inverse Universe

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



16.6064, 6.4449, -1.2543



20.1302, 10.7894, -2.2085



16.3560, 5.1744, 2.3131



10.8818, 0.3604, 0.2758



16.3211, 29.5774, -2.0662



41.2703, 74.3754, -2.0034

Previews

White Background



This preview shows how the HunterLab color 20.0259, -7.4296, 3.6069 looks on a white background.

Color Contrast Check

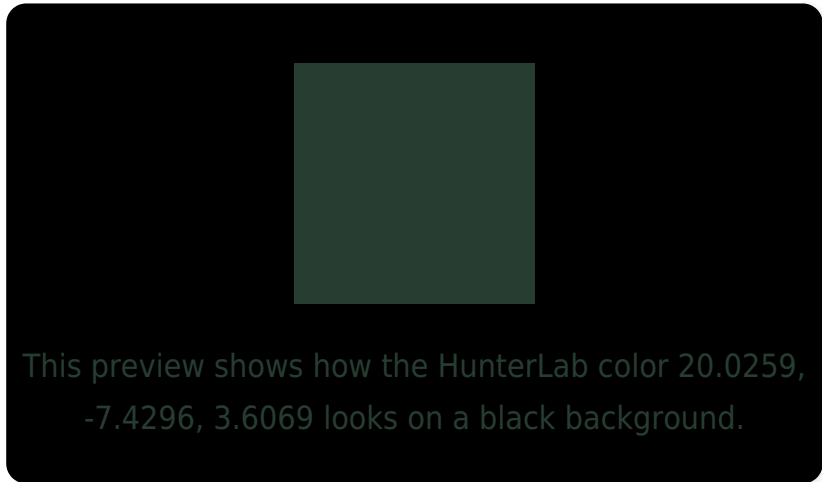
Large Text (above 18pt) WCAG AA ✓ Pass

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

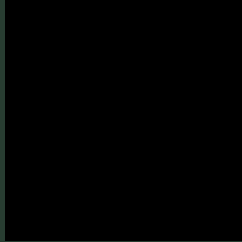
Any Text WCAG AA × Fail

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 20.0259, -7.4296, 3.6069 Background



This preview shows how black text looks on a background with the HunterLab color 20.0259, -7.4296, 3.6069.



This preview shows how white text looks on a background with the HunterLab color 20.0259, -7.4296, 3.6069.

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

20.0259, -7.4296, 3.6069

Protanopia

19.9083, -1.3878, 4.2338

Deuteranopia

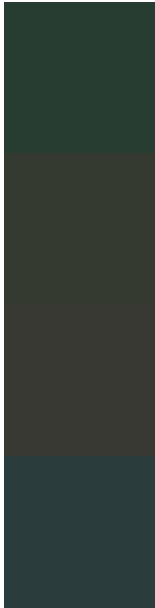
19.8963, 1.1506, 3.2878



Tritanopia

20.0292, -3.9871, -2.0862

Trichromacy



Original Color

20.0259, -7.4296, 3.6069

Protanomaly

19.9238, -3.8436, 3.8883

Deuteranomaly

19.9218, -2.4779, 3.2515

Tritanomaly

20.0991, -5.3321, 0.0859

Monochromacy



Original Color

20.0259, -7.4296, 3.6069

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.2475, -3.5156, 1.7910

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0259, -7.4296, 3.6069 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(40, 61, 49)` looks like.

```
.text, #text, p{  
    color:rgb(40, 61, 49)  
}
```

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(40, 61, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 61, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0259, -7.4296, 3.6069 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(40, 61, 49) }
```


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

```
.border{ border-color:rgb(40, 61, 49) }
```

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

Here you see how a box with a 4 pixel rgb(40, 61, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 61, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 61, 49);  
box-shadow:4px 4px 4px 4px rgb(40, 61, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.0259, -7.4296, 3.6069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 61, 49) }
```

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

```
.background{ background-color: rgb(40, 61,  
49) }
```

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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