

Converting Colors

HunterLab(20.5125, -7.2735,
2.1355)

Have a look what the booklet for
HunterLab(20.5125, -7.2735, 2.1355)
contains.

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Color

**HunterLab(20.4260, -7.0183,
1.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	283E37
RGB	40, 62, 55
RGB Percent	16%, 24%, 22%
CMY	0.8431, 0.7569, 0.7843
CMYK	0.35, 0.00, 0.11, 0.76
HSL	161°, 22%, 20%
HSV	161°, 35%, 24%
XYZ	3.2873, 4.1722, 4.2465
YIQ	54.6240, -10.8650, -6.8410

Conversions

Conversions Part 2

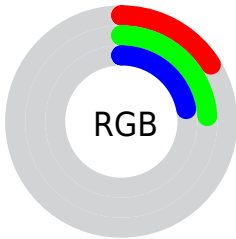
Format	Color
RYB	40, 53, 62
Decimal	2637367
CIELab	24.23, -10.51, 1.54
CIELCh	24, 10.624, 171.651
Yxy	4.1724, 0.2808, 0.3564
Android (android.graphics.Color)	4280827447 (0xFF283E37)
YUV	54.6240, 0.1854, -12.8252
Hunter-Lab	20.4260, -7.0183, 1.9720

Details

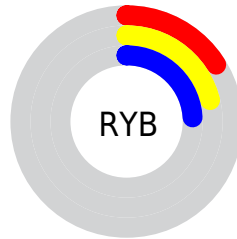
The HunterLab color **20.4260, -7.0183, 1.9720** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.5743, 6.0896, 0.6987**, and the grayscale version is **19.4207, -1.0362, 1.0552**.

A 20% lighter version of the original color is **37.5361, -9.5174, 3.1075**, and **7.2421, -5.0190, 1.7826** is the 20% darker color. If you saturate the color by 10%, you get **20.0983, -8.3585, 2.2922**, and if you desaturate by 10%, it is **20.7992, -5.5346, 1.6950**.

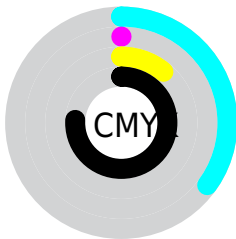
Distribution



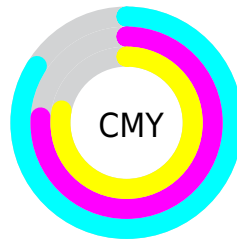
- Red (16%)
- Green (24%)
- Blue (22%)



- Red (16%)
- Yellow (21%)
- Blue (24%)



- Cyan (35%)
- Magenta (0%)
- Yellow (11%)
- Black (76%)



- Cyan (84%)
- Magenta (76%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4260, -7.0183, 1.9720 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 20.4260, -7.0183, 1.9720 by changing the saturation by 10% instead.

■ 20.4260, -7.0183,
1.9720

■ 20.4260, -7.0183,
1.9720

■ 118.9587,
-17.4807, 8.0473

■ 13.3058, -5.7447,
1.4646

■ 37.4170, -9.4012,
3.0973

■ 6.8459, -7.0566,
1.3068

■ 47.1116, -10.5567,
3.7121

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.5235, -11.7039,
4.3598

0.0000, NaN, NaN

■ 68.6062, -12.8491,
5.0390

0.0000, NaN, NaN

■ 80.3214, -13.9968,
5.7485

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.6366, -15.1499,

105.5238,
-16.3107, 7.2536

20.4260, -7.0183,
1.9720

20.4260, -7.0183,
1.9720

20.0983, -8.3585,
2.2922

20.7992, -5.5346,
1.6950

19.8146, -9.5465,
2.6520

21.2164, -3.9162,
1.4624

19.5747, -10.5774,
3.0481

21.6775, -2.1744,
1.2755

19.3772, -11.4492,
3.4757

22.1814, -0.3212,
1.1346

19.2198, -12.1657,
3.9293

22.7270, 1.6313,
1.0394

■ 19.0764, -12.8281,
4.3780

■ 23.3129, 3.6714,
0.9891

■ 19.0119, -13.1270,
4.5742

■ 23.9376, 5.7877,
0.9822

■ 24.5994, 7.9694,
1.0171

■ 25.2969, 10.2068,
1.0917

Harmonies

Analogous

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



20.4264, -5.8500, 4.5253



20.4260, -7.0183, 1.9720



20.4264, -6.6803, -1.2523

Triad

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



20.4264, -7.0186, 1.9723



20.4264, 1.3125, -5.3594



20.4264, 3.0130, 5.3157

Complementary

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



20.4260, -7.0183, 1.9720



16.5743, 6.0896, 0.6987

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.



20.4264, 5.1725, 3.2234



20.4260, -7.0183, 1.9720



20.4264, 4.1480, -3.0160

Square

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



20.4264, -7.0186, 1.9723



20.4264, -2.0077, -5.8372



20.4264, 5.6006, 0.2123



20.4264, -0.1578, 6.2441

Rectangle

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



20.4260, -7.0183, 1.9720



20.4264, -5.6357, -3.3386



20.4264, 5.6006, 0.2123



20.4264, 3.8895, 4.7426

Sweetspot

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



20.4264, -7.0186, 1.9723



28.1728, -4.2639, 1.8206



20.5206, -7.2623, 6.7171



14.4408, -2.2284, 0.9385



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.



20.4264, -7.0186, 1.9723



26.4857, -10.9247, 2.9965



19.6441, -4.6217, -1.7322



11.3644, -1.4224, 0.6993



29.0546, -20.3202, 7.5497



73.7601, -52.3948, 20.9116

Inverse Universe

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



16.5743, 6.0896, 0.6987



20.1802, 10.6594, 0.9867



17.1874, 3.7586, 3.7314



10.8642, 0.2656, 0.5262



15.7863, 27.6291, 5.5921



39.9445, 69.5322, 17.0834

Previews

White Background



This preview shows how the HunterLab color 20.4260, -7.0183, 1.9720 looks on a white background.

Color Contrast Check

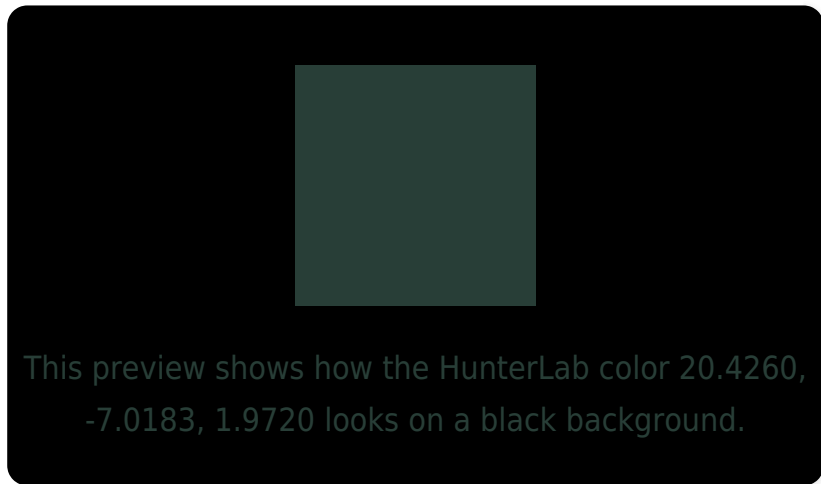
Large Text (above 18pt) WCAG AA ✓ Pass

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

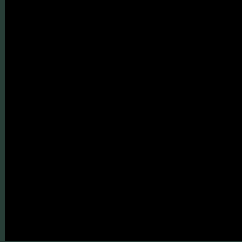
Any Text WCAG AA × Fail

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 20.4260, -7.0183, 1.9720 Background



This preview shows how black text looks on a background with the HunterLab color 20.4260, -7.0183, 1.9720.



This preview shows how white text looks on a background with the HunterLab color 20.4260, -7.0183,

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

20.4260, -7.0183, 1.9720

Protanopia

20.3343, -0.9422, 3.0407

Deuteranopia

20.4221, 0.7781, 1.7356



Tritanopia

20.5217, -4.7934, -1.8873

Trichromacy



Original Color

20.4260, -7.0183, 1.9720

Protanomaly

20.3515, -3.3844, 2.6688

Deuteranomaly

20.3073, -2.1147, 1.5527

Tritanomaly

20.3613, -5.6022, -0.4072

Monochromacy



Original Color

20.4260, -7.0183, 1.9720

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.9501, -3.4356, 1.4912

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.4260, -7.0183, 1.9720 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, 62, 55)` looks like.

```
.text, #text, p{  
    color:rgb(40, 62, 55)  
}
```

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, 62, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 62, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 20.4260, -7.0183, 1.9720 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, 62, 55) }
```


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

```
.border{ border-color:rgb(40, 62, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 62, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 62, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 62, 55);  
box-shadow:4px 4px 4px 4px rgb(40, 62, 55)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.4260, -7.0183, 1.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 62, 55) }
```

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

```
.background{ background-color: rgb(40, 62,  
55) }
```

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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