

Converting Colors

HunterLab(20.9557, -3.1009,
-6.7458)

Have a look what the booklet for
HunterLab(20.9557, -3.1009,
-6.7458) contains.

HunterLab(20.8440, -2.8841, -7.1780)	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(20.8440, -2.8841,
-7.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	293D4D
RGB	41, 61, 77
RGB Percent	16%, 24%, 30%
CMY	0.8392, 0.7608, 0.6980
CMYK	0.47, 0.21, 0.00, 0.70
HSL	207°, 31%, 23%
HSV	207°, 47%, 30%
XYZ	3.9227, 4.3447, 7.6530
YIQ	56.8440, -17.0560, 0.7360

Conversions

Conversions Part 2

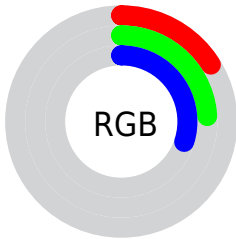
Format	Color
RYB	41, 54, 77
Decimal	2702669
CIELab	24.78, -2.98, -12.23
CIElCh	25, 12.587, 256.284
Yxy	4.3449, 0.2464, 0.2729
Android (android.graphics.Color)	4280892749 (0xFF293D4D)
YUV	56.8440, 9.9369, -13.8952
Hunter-Lab	20.8440, -2.8841, -7.1780

Details

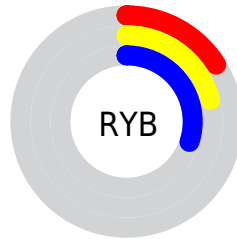
The HunterLab color **20.8440, -2.8841, -7.1780** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21.5969, 2.9031, 7.5991**, and the grayscale version is **20.1459, -1.0749, 1.0946**.

A 20% lighter version of the original color is **37.8235, -4.1186, -7.7066**, and **7.5865, -1.3383, -6.5935** is the 20% darker color. If you saturate the color by 10%, you get **19.6163, -2.7677, -9.1826**, and if you desaturate by 10%, it is **22.1272, -2.8308, -5.2284**.

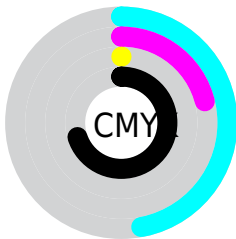
Distribution



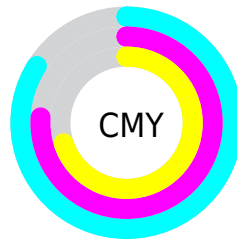
- Red (16%)
- Green (24%)
- Blue (30%)



- Red (16%)
- Yellow (21%)
- Blue (30%)



- Cyan (47%)
- Magenta (21%)
- Yellow (0%)
- Black (70%)



- Cyan (84%)
- Magenta (76%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8440, -2.8841, -7.1780 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 20.8440, -2.8841, -7.1780 by changing the saturation by 10% instead.

■ 20.8440, -2.8841,
-7.1780

■ 20.8440, -2.8841,
-7.1780

■ 119.7090, -9.6025,
-6.7503

■ 13.6686, -2.2601,
-6.8685

■ 37.9278, -4.1999,
-7.5453

■ 7.2747, -2.1762,
-7.2181

■ 47.6631, -4.8957,
-7.6124

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 58.1128, -5.6174,
-7.6105

0.0000, NaN, NaN

■ 69.2310, -6.3648,
-7.5458

0.0000, NaN, NaN

■ 80.9798, -7.1375,
-7.4234

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.3270, -7.9351,

-7.2477

0.0000, NaN, NaN

106.2447, -8.7569,
-7.0222

20.8440, -2.8841,
-7.1780

20.8440, -2.8841,
-7.1780

19.6163, -2.7677,
-9.1826

22.1272, -2.8308,
-5.2284

18.4477, -2.4627,
-11.2417

23.4602, -2.6256,
-3.3345

17.3436, -1.9511,
-13.3496

24.8392, -2.2853,
-1.4937

16.3088, -1.2181,
-15.4975

26.2605, -1.8252,
0.2973

15.3139, -0.3695,
-17.7539

27.7208, -1.2586,
2.0421

■ 14.9917, -0.0957,
-18.5318

■ 29.2171, -0.5974,
3.7448

■ 30.7467, 0.1481,
5.4093

■ 32.3074, 0.9691,
7.0394

■ 33.8970, 1.8576,
8.6387

Harmonies

Analogous

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



20.8444, -6.1079, -4.7935



20.8440, -2.8841, -7.1780



20.8444, 1.0598, -7.0623

Triad

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



20.8444, -2.8842, -7.1776



20.8444, 6.6914, 3.0609



20.8444, -6.3248, 5.5365

Complementary

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



20.8440, -2.8841, -7.1780



21.5969, 2.9031, 7.5991

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.



20.8444, -3.2009, 6.9477



20.8440, -2.8841, -7.1780



20.8444, 4.4008, 5.7111

Square

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



20.8444, -2.8842, -7.1776



20.8444, 6.7921, -0.6527



20.8444, 0.7187, 7.0050



20.8444, -7.9920, 2.7764

Rectangle

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



20.8440, -2.8841, -7.1780



20.8444, 3.5755, -5.5718



20.8444, 0.7187, 7.0050



20.8444, -5.4212, 6.1598

Sweetspot

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



20.8444, -2.8842, -7.1776



32.7724, -2.8556, -1.4162



24.6388, -11.9874, 5.7827



16.6824, -1.4993, -0.8778



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



20.8444, -2.8842, -7.1776



25.3593, -3.5696, -12.2993



16.6264, 4.5355, -14.7134



13.3574, -0.9874, -0.0201



19.6285, 0.6163, -25.8644



45.8189, 5.0061, -68.0764

Inverse Universe

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



18.7102, 12.0575, -2.2504



22.2830, 19.8527, -3.4898



25.9153, -4.3697, 11.0926



13.1000, 0.5080, 0.3261



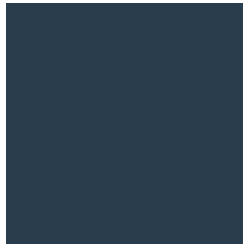
17.6547, 31.8886, -1.4170



42.7619, 76.8450, -0.3826

Previews

White Background



This preview shows how the HunterLab color 20.8440, -2.8841, -7.1780 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 20.8440, -2.8841, -7.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

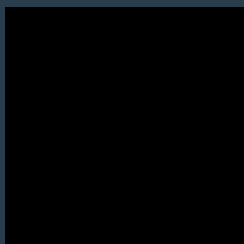
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

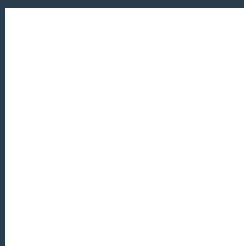
Any Text WCAG AAA × Fail

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

HunterLab 20.8440, -2.8841, -7.1780 Background



This preview shows how black text looks on a background with the HunterLab color 20.8440, -2.8841, -7.1780.



This preview shows how white text looks on a background with the HunterLab color 20.8440, -2.8841, -7.1780.

-7.1780.

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

20.8440, -2.8841, -7.1780

Protanopia

20.7807, 0.6070, -6.1765

Deuteranopia

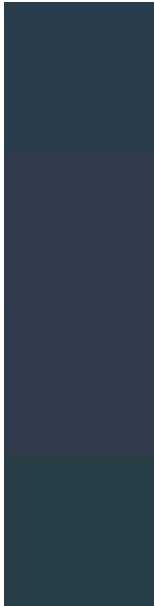
20.8817, 1.1504, -7.5778



Tritanopia

20.9390, -5.7819, -2.6840

Trichromacy



Original Color

20.8440, -2.8841, -7.1780

Protanomaly

20.7430, -0.7163, -6.7745

Deuteranomaly

20.8109, -0.3457, -7.7171

Tritanomaly

20.8123, -4.7166, -4.2405

Monochromacy



Original Color

20.8440, -2.8841, -7.1780

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.2487, -1.9040, -1.7589

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8440, -2.8841, -7.1780 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(41, 61, 77)` looks like.

```
.text, #text, p{  
    color:rgb(41, 61, 77)  
}
```

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(41, 61, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 61, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8440, -2.8841, -7.1780 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(41, 61, 77) }
```


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

```
.border{ border-color:rgb(41, 61, 77) }
```

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

Here you see how a box with a 4 pixel rgb(41, 61, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 61, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 61, 77);  
box-shadow:4px 4px 4px 4px rgb(41, 61, 77)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.8440, -2.8841, -7.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 61, 77) }
```

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

```
.background{ background-color: rgb(41, 61,  
77) }
```

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