

Converting Colors

HunterLab(20.7755, 0.4971,
-14.3192)

Have a look what the booklet for
HunterLab(20.7755, 0.4971,
-14.3192) contains.

HunterLab(20.7861, 0.3924, -14.1433)	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(20.7861, 0.3924,
-14.1433)**

Conversions

Conversions Part 1

Format	Color
Hex	293B59
RGB	41, 59, 89
RGB Percent	16%, 23%, 35%
CMY	0.8392, 0.7686, 0.6510
CMYK	0.54, 0.34, 0.00, 0.65
HSL	218°, 37%, 25%
HSV	218°, 54%, 35%
XYZ	4.2816, 4.3206, 10.0595
YIQ	57.0380, -20.3580, 5.5140

Conversions

Conversions Part 2

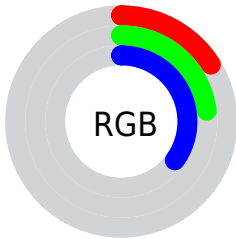
Format	Color
R_YB	41, 54, 89
Decimal	2702169
CIE _{Lab}	24.70, 2.46, -20.23
CIE _{LCh}	25, 20.382, 276.925
Yxy	4.3208, 0.2294, 0.2315
Android (android.graphics.Color)	4280892249 (0xFF293B59)
YUV	57.0380, 15.7573, -14.0653
Hunter-Lab	20.7861, 0.3924, -14.1433

Details

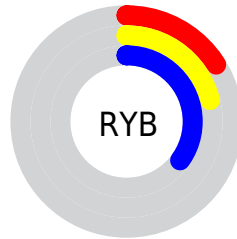
The HunterLab color $[20.7861, 0.3924, -14.1433]$ is a dark color, and the websafe version is hex 003366 . A complement of this color would be $[26.0589, 0.7943, 11.2978]$, and the grayscale version is $[20.1938, -1.0775, 1.0972]$.

A 20% lighter version of the original color is $[37.8759, -0.1595, -14.8999]$, and $[7.3824, 2.1041, -13.7696]$ is the 20% darker color. If you saturate the color by 10%, you get $[19.0167, 1.4059, -17.7244]$, and if you desaturate by 10%, it is $[22.6442, -0.3779, -10.8000]$.

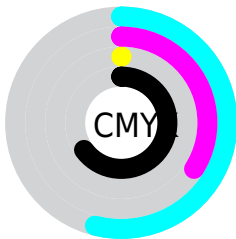
Distribution



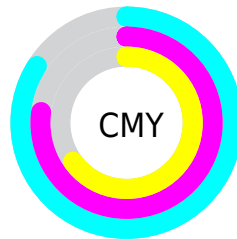
- Red (16%)
- Green (23%)
- Blue (35%)



- Red (16%)
- Yellow (21%)
- Blue (35%)



- Cyan (54%)
- Magenta (34%)
- Yellow (0%)
- Black (65%)



- Cyan (84%)
- Magenta (77%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7861, 0.3924, -14.1433 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 20.7861, 0.3924, -14.1433 by changing the saturation by 10% instead.

■ 20.7861, 0.3924,
-14.1433

■ 20.7861, 0.3924,
-14.1433

■ 119.6052, -3.7214,
-16.2109

■ 13.6183, 0.5837,
-13.6828

■ 37.8571, -0.1954,
-15.0299

■ 7.2170, 1.0982,
-14.5125

■ 47.5867, -0.5729,
-15.3860

0.0000, NaN, -NF

■ 58.0312, -0.9982,
-15.6757

0.0000, NaN, NaN

■ 69.1446, -1.4672,
-15.9004

0.0000, NaN, NaN

■ 80.8887, -1.9764,
-16.0629

0.0000, NaN, NaN

■ 93.2315, -2.5233,

0.0000, NaN, NaN

-16.1667

0.0000, NaN, NaN

106.1450, -3.1056,
-16.2150

■ 20.7861, 0.3924,
-14.1433

■ 20.7861, 0.3924,
-14.1433

■ 19.0167, 1.4059,
-17.7244

■ 22.6442, -0.3779,
-10.8000

■ 17.3482, 2.7009,
-21.5641

■ 24.5788, -0.9407,
-7.6698

■ 15.7965, 4.3138,
-25.6648

■ 26.5813, -1.3275,
-4.7251

■ 14.3659, 6.2289,
-30.0454

■ 28.6442, -1.5646,
-1.9400

■ 13.5273, 7.4357,
-32.9594

■ 30.7612, -1.6742,
0.7090

■ 32.9273, -1.6746,
3.2420

■ 35.1380, -1.5809,
5.6766

■ 37.3899, -1.4057,
8.0277

■ 39.6797, -1.1594,
10.3079

Harmonies

Analogous

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



20.7865, -5.7114, -12.7548



20.7861, 0.3924, -14.1433



20.7865, 6.8009, -10.5532

Triad

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



20.7865, 0.3924, -14.1428



20.7865, 9.6560, 7.0012



20.7865, -11.2521, 5.2121

Complementary

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



20.7861, 0.3924, -14.1433



26.0589, 0.7943, 11.2978

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.



20.7865, -7.9907, 8.4760



20.7861, 0.3924, -14.1433



20.7865, 3.9297, 9.2698

Square

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



20.7865, 0.3924, -14.1428



20.7865, 12.5519, 2.4923



20.7865, -2.5714, 9.7133



20.7865, -11.9583, -0.3281

Rectangle

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



20.7861, 0.3924, -14.1433



20.7865, 10.2238, -6.3140



20.7865, -2.5714, 9.7133



20.7865, -10.4392, 6.5543

Sweetspot

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



20.7865, 0.3924, -14.1428



36.7360, -1.9821, -3.4543



28.4009, -14.4331, 4.9427



18.3209, -0.9803, -1.9647



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



20.7865, 0.3924, -14.1428



24.1592, 2.3233, -24.6931



17.0360, 9.4814, -22.2297



14.7301, -0.8105, -0.2730



16.1000, 9.7793, -41.2344



35.9860, 28.4178, -106.3252

Inverse Universe

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



20.0641, 15.6184, 0.4095



23.6124, 25.5739, 1.2124



30.2691, -8.2980, 14.3969



14.5973, 0.5133, 0.6160



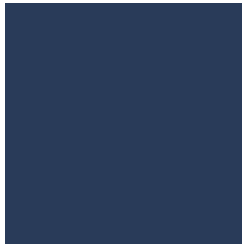
18.1282, 31.8962, 5.1161



42.7765, 74.9020, 14.8817

Previews

White Background



This preview shows how the HunterLab color 20.7861, 0.3924, -14.1433 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 20.7861, 0.3924, -14.1433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

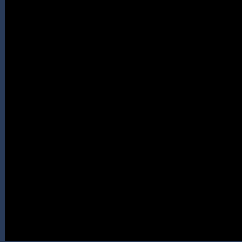
Any Text WCAG AA × Fail

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 20.7861, 0.3924, -14.1433 Background



This preview shows how black text looks on a background with the HunterLab color 20.7861, 0.3924, -14.1433.



This preview shows how white text looks on a background with the HunterLab color 20.7861, 0.3924, -14.1433.

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

20.7861, 0.3924, -14.1433

Protanopia

20.8784, 1.8795, -13.3202

Deuteranopia

20.6951, 1.3460, -14.3013



Tritanopia

20.7664, -6.4236, -2.9303

Trichromacy



Original Color

20.7861, 0.3924, -14.1433

Protanomaly

20.7089, 1.3119, -13.6492

Deuteranomaly

20.6421, 1.1680, -14.4065

Tritanomaly

20.8815, -4.1441, -6.6195

Monochromacy



Original Color

20.7861, 0.3924, -14.1433

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.3951, -1.0989, -3.8194

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7861, 0.3924, -14.1433 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, 59, 89)` looks like.

```
.text, #text, p{  
  color:rgb(41, 59, 89)  
}
```

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, 59, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 59, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7861, 0.3924, -14.1433 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, 59, 89) }
```


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

```
.border{ border-color:rgb(41, 59, 89) }
```

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

Here you see how a box with a 4 pixel rgb(41, 59, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 59, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 59, 89);  
box-shadow:4px 4px 4px 4px rgb(41, 59, 89)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7861, 0.3924, -14.1433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 59, 89) }
```

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

```
.background{ background-color: rgb(41, 59,  
89) }
```

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