

Converting Colors

HunterLab(21.1976, -7.3942,
0.0131)

Have a look what the booklet for
HunterLab(21.1976, -7.3942, 0.0131)
contains.

HunterLab(21.2643, -7.6414, 0.2620)	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(21.2643, -7.6414,
0.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	25413E
RGB	37, 65, 62
RGB Percent	15%, 25%, 24%
CMY	0.8549, 0.7451, 0.7569
CMYK	0.43, 0.00, 0.05, 0.75
HSL	174°, 27%, 20%
HSV	174°, 43%, 25%
XYZ	3.5227, 4.5217, 5.2445
YIQ	56.2860, -15.7250, -6.8690

Conversions

Conversions Part 2

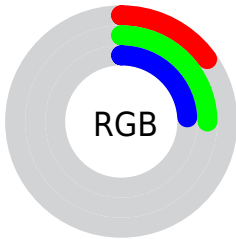
Format	Color
R_{YB}	37, 52, 65
Decimal	2441534
CIE _{Lab}	25.33, -11.42, -1.52
CIE _{LCh}	25, 11.525, 187.560
Yxy	4.5219, 0.2651, 0.3403
Android (android.graphics.Color)	4280631614 (0xFF25413E)
YUV	56.2860, 2.8170, -16.9138
Hunter-Lab	21.2643, -7.6414, 0.2620

Details

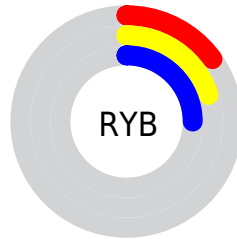
The HunterLab color **21.2643, -7.6414, 0.2620** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.1254, 7.4764, 2.6855**, and the grayscale version is **19.9787, -1.0660, 1.0855**.

A 20% lighter version of the original color is **38.4697, -10.1496, 1.2289**, and **8.1443, -4.7698, 0.1170** is the 20% darker color. If you saturate the color by 10%, you get **20.9871, -8.7362, 0.1853**, and if you desaturate by 10%, it is **21.5887, -6.3898, 0.3976**.

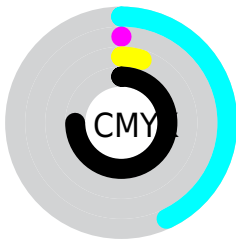
Distribution



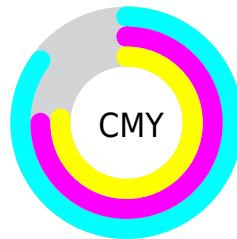
- Red (15%)
- Green (25%)
- Blue (24%)



- Red (15%)
- Yellow (20%)
- Blue (25%)



- Cyan (43%)
- Magenta (0%)
- Yellow (5%)
- Black (75%)



- Cyan (85%)
- Magenta (75%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2643, -7.6414, 0.2620 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 21.2643, -7.6414, 0.2620 by changing the saturation by 10% instead.

■ 21.2643, -7.6414,
0.2620

■ 21.2643, -7.6414,
0.2620

■ 120.4600,
-18.5600, 4.9841

■ 14.0341, -6.2963,
-0.0208

■ 38.4404, -10.1489,
1.0094

■ 7.6792, -6.8929,
-0.4005

■ 48.2160, -11.3600,
1.4589

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.7034, -12.5592,
1.9526

0.0000, NaN, NaN

■ 69.8570, -13.7536,
2.4871

0.0000, NaN, NaN

■ 81.6393, -14.9479,
3.0596

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.0183, -16.1456,

106.9665,
-17.3490, 4.3099

21.2643, -7.6414,
0.2620

21.2643, -7.6414,
0.2620

20.9871, -8.7362,
0.1853

21.5887, -6.3898,
0.3976

20.7549, -9.6698,
0.1658

21.9595, -4.9874,
0.5907

20.5667, -10.4418,
0.2020

22.3768, -3.4430,
0.8405

20.4203, -11.0556,
0.2910

22.8402, -1.7671,
1.1449

20.2992, -11.5732,
0.4111

23.3488, 0.0290,
1.5014

■ 20.2153, -11.9335,
0.4935

■ 23.9015, 1.9337,
1.9069

■ 24.4968, 3.9349,
2.3582

■ 25.1334, 6.0212,
2.8518

■ 25.8095, 8.1818,
3.3842

Harmonies

Analogous

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



21.2647, -7.2287, 3.5464



21.2643, -7.6414, 0.2620



21.2647, -6.4068, -3.3167

Triad

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



21.2647, -7.6416, 0.2623



21.2647, 3.3034, -4.8289



21.2647, 1.6037, 6.4398

Complementary

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



21.2643, -7.6414, 0.2620



16.1254, 7.4764, 2.6855

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.



21.2647, 4.7047, 4.8309



21.2643, -7.6414, 0.2620



21.2647, 5.7312, -1.5454

Square

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



21.2647, -7.6416, 0.2623



21.2647, -0.2066, -6.5611



21.2647, 6.2605, 2.0154



21.2647, -2.0493, 6.7586

Rectangle

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



21.2643, -7.6414, 0.2620



21.2647, -4.7631, -5.2666



21.2647, 6.2605, 2.0154



21.2647, 2.7523, 6.0468

Sweetspot

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



21.2647, -7.6416, 0.2623



29.0049, -4.5652, 1.0736



20.9065, -10.0346, 7.7429



15.1902, -2.5214, 0.5422



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



21.2647, -7.6416, 0.2623



27.1923, -11.4795, 0.2339



18.5428, -3.1006, -4.6196



12.1584, -1.4532, 0.5233



30.3499, -18.0237, 0.9733



75.9692, -45.4698, 3.2014

Inverse Universe

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



16.1254, 7.4764, 2.6855



19.0420, 12.7675, 4.2014



18.3022, 2.6930, 5.6546



11.5790, 0.2227, 0.7840



15.9958, 27.5356, 9.2331



39.9718, 68.6184, 24.5459

Previews

White Background



This preview shows how the HunterLab color 21.2643, -7.6414, 0.2620 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 21.2643, -7.6414, 0.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

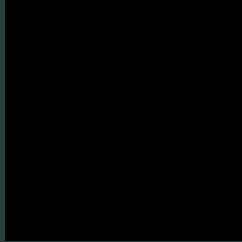
Any Text WCAG AA × Fail

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 21.2643, -7.6414, 0.2620 Background



This preview shows how black text looks on a background with the HunterLab color 21.2643, -7.6414, 0.2620.



This preview shows how white text looks on a background with the HunterLab color 21.2643, -7.6414,

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

21.2643, -7.6414, 0.2620

Protanopia

21.3063, -1.0123, 1.5970

Deuteranopia

21.1542, 1.1592, -0.1249



Tritanopia

21.2786, -5.8280, -2.6781

Trichromacy



Original Color

21.2643, -7.6414, 0.2620

Protanomaly

21.2169, -3.8606, 1.0599

Deuteranomaly

21.1675, -2.5763, -0.1738

Tritanomaly

21.1476, -6.4860, -1.5331

Monochromacy



Original Color

21.2643, -7.6414, 0.2620

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.2148, -3.6376, 0.6518

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2643, -7.6414, 0.2620 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(37, 65, 62)` looks like.

```
.text, #text, p{  
    color:rgb(37, 65, 62)  
}
```

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(37, 65, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 65, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2643, -7.6414, 0.2620 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(37, 65, 62) }
```


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

```
.border{ border-color:rgb(37, 65, 62) }
```

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

Here you see how a box with a 4 pixel rgb(37, 65, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 65, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 65, 62);  
box-shadow:4px 4px 4px 4px rgb(37, 65, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2643, -7.6414, 0.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 65, 62) }
```

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

```
.background{ background-color: rgb(37, 65,  
62) }
```

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