

Converting Colors

HunterLab(20.5456, 6.8062,
-10.6096)

Have a look what the booklet for
HunterLab(20.5456, 6.8062,
-10.6096) contains.

HunterLab(20.6415, 6.6725, -10.6703)	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(20.6415, 6.6725,
-10.6703)**

Conversions

Conversions Part 1

Format	Color
Hex	403553
RGB	64, 53, 83
RGB Percent	25%, 21%, 33%
CMY	0.7490, 0.7922, 0.6745
CMYK	0.23, 0.36, 0.00, 0.67
HSL	262°, 22%, 27%
HSV	262°, 36%, 33%
XYZ	4.9488, 4.2607, 8.7452
YIQ	59.7090, -3.0740, 11.6620

Conversions

Conversions Part 2

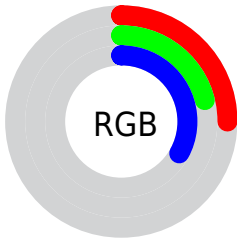
Format	Color
R_{YB}	64, 53, 83
Decimal	4207955
CIE _{Lab}	24.52, 12.07, -16.44
CIE _{LCh}	25, 20.392, 306.291
Yxy	4.2609, 0.2756, 0.2373
Android (android.graphics.Color)	4282398035 (0xFF403553)
YUV	59.7090, 11.4825, 3.7632
Hunter-Lab	20.6415, 6.6725, -10.6703

Details

The HunterLab color $20.6415, 6.6725, -10.6703$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $27.9667, -8.0391, 9.9513$, and the grayscale version is $21.1197, -1.1269, 1.1475$.

A 20% lighter version of the original color is $37.7525, 7.0914, -11.4626$, and $7.1126, 7.0884, -10.7789$ is the 20% darker color. If you saturate the color by 10%, you get $18.4407, 9.1274, -14.7890$, and if you desaturate by 10%, it is $22.9542, 4.3015, -6.9186$.

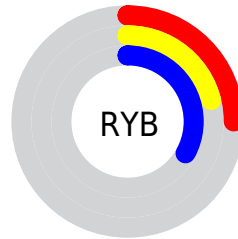
Distribution



Red (25%)

Green (21%)

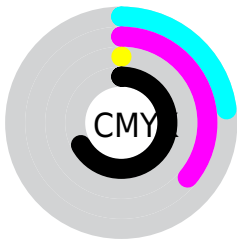
Blue (33%)



Red (25%)

Yellow (21%)

Blue (33%)

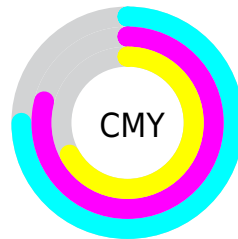


Cyan (23%)

Magenta (36%)

Yellow (0%)

Black (67%)



Cyan (75%)

Magenta (79%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.6415, 6.6725, -10.6703 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 20.6415, 6.6725, -10.6703 by changing the saturation by 10% instead.

■ 20.6415, 6.6725,
-10.6703

■ 20.6415, 6.6725,
-10.6703

■ 119.3460, 6.9398,
-11.6497

■ 13.4928, 6.1770,
-10.2449

■ 37.6805, 7.2787,
-11.3511

■ 7.0706, 7.0608,
-10.9216

■ 47.3961, 7.4335,
-11.5830

0.0000, NaN, -NF

■ 57.8276, 7.5077,
-11.7447

0.0000, NaN, NaN

■ 68.9287, 7.5110,
-11.8405

0.0000, NaN, NaN

■ 80.6612, 7.4505,
-11.8750

0.0000, NaN, NaN

■ 92.9929, 7.3321,

0.0000, NaN, NaN

-11.8524

0.0000, NaN, NaN

105.8959, 7.1606,
-11.7762

■ 20.6415, 6.6725,
-10.6703

■ 20.6415, 6.6725,
-10.6703

■ 18.4407, 9.1274,
-14.7890

■ 22.9542, 4.3015,
-6.9186

■ 16.3734, 11.6657,
-19.3406

■ 25.3604, 2.0064,
-3.4705

■ 14.4702, 14.2605,
-24.3656

■ 27.8475, -0.2249,
-0.2682

■ 12.7706, 16.8324,
-29.8303

■ 30.4055, -2.4045,
2.7357

■ 11.3237, 19.2104,
-35.5351

■ 33.0263, -4.5430,
5.5795

■ 10.0426, 21.6385,
-41.7483

■ 35.7038, -6.6494,
8.2942

■ 9.5243, 22.8677,
-44.6754

■ 38.4326, -8.7313,
10.9042

■ 41.2086, -10.7949,
13.4291

■ 44.0283, -12.8452,
15.8847

Harmonies

Analogous

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



20.6419, 0.2590, -14.1678



20.6415, 6.6725, -10.6703



20.6419, 11.3738, -4.1413

Triad

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



20.6419, 6.6722, -10.6698



20.6419, 4.0656, 9.2073



20.6419, -11.9361, -0.1965

Complementary

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



20.6415, 6.6725, -10.6703



27.9667, -8.0391, 9.9513

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.



20.6419, -11.1770, 5.2869



20.6415, 6.6725, -10.6703



20.6419, -2.4297, 9.6832

Square

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



20.6419, 6.6722, -10.6698



20.6419, 9.7457, 6.9063



20.6419, -7.8735, 8.4904



20.6419, -10.0893, -7.0461

Rectangle

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



20.6415, 6.6725, -10.6703



20.6419, 12.6218, 0.3543



20.6419, -7.8735, 8.4904



20.6419, -11.9737, 1.8644

Sweetspot

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



20.6419, 6.6722, -10.6698



34.6330, 1.2191, -2.4984



24.6601, -4.2162, -4.5543



17.0848, 0.7026, -1.3803



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



20.6419, 6.6722, -10.6698



24.5418, 11.3596, -18.3499



21.9358, 10.5795, -8.4176



13.7137, 0.1714, -0.5375



11.9547, 28.9269, -57.8099



27.8644, 68.6373, -144.1527

Inverse Universe

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



22.0301, 10.1454, -2.7482



26.8633, 16.7876, -4.6077



27.0708, -11.4245, 9.1036



13.8622, 0.6017, 0.2292



18.3629, 33.6030, -4.8464



43.8973, 79.9718, -8.8151

Previews

White Background



This preview shows how the HunterLab color 20.6415, 6.6725, -10.6703 looks on a white background.

Color Contrast Check

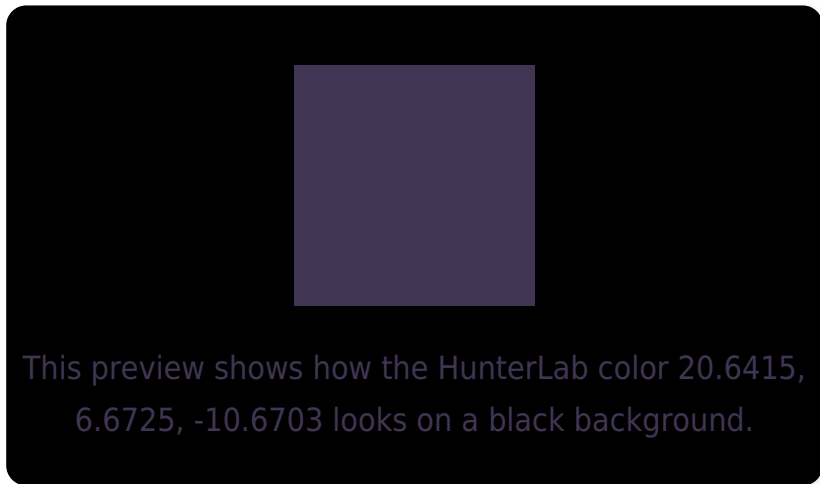
Large Text (above 18pt) WCAG AA ✓ Pass

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

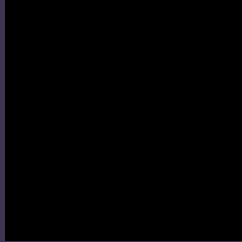
Any Text WCAG AA × Fail

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 20.6415, 6.6725, -10.6703 Background



This preview shows how black text looks on a background with the HunterLab color 20.6415, 6.6725, -10.6703.



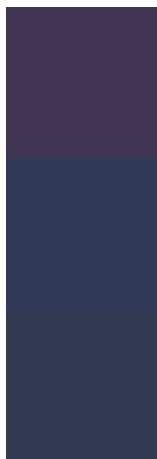
This preview shows how white text looks on a background with the HunterLab color 20.6415, 6.6725, -10.6703.

-10.6703.

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

20.6415, 6.6725, -10.6703

Protanopia

20.5979, 2.1040, -13.2252

Deuteranopia

20.7688, 1.0537, -9.9725



Tritanopia

20.5784, 0.3854, -0.4437

Trichromacy



Original Color

20.6415, 6.6725, -10.6703

Protanomaly

20.6990, 3.5763, -12.4011

Deuteranomaly

20.6150, 2.9983, -10.2033

Tritanomaly

20.6462, 2.2917, -3.8776

Monochromacy



Original Color

20.6415, 6.6725, -10.6703

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

20.8224, 1.5455, -2.7144

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.6415, 6.6725, -10.6703 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(64, 53, 83)` looks like.

```
.text, #text, p{  
    color:rgb(64, 53, 83)  
}
```

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(64, 53, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 53, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 20.6415, 6.6725, -10.6703 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(64, 53, 83) }
```


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

```
.border{ border-color:rgb(64, 53, 83) }
```

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

Here you see how a box with a 4 pixel rgb(64, 53, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 53, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 53, 83);  
box-shadow:4px 4px 4px 4px rgb(64, 53, 83)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.6415, 6.6725, -10.6703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 53, 83) }
```

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

```
.background{ background-color: rgb(64, 53,  
83) }
```

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