

Converting Colors

HunterLab(46.4377, 51.2369,
21.0124)

Have a look what the booklet for
HunterLab(46.4377, 51.2369,
21.0124) contains.

HunterLab(46.3721, 51.0925, 20.9578)	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(46.3721, 51.0925,
20.9578)**

Conversions

Conversions Part 1

Format	Color
Hex	DF4D4B
RGB	223, 77, 75
RGB Percent	87%, 30%, 29%
CMY	0.1255, 0.6980, 0.7059
CMYK	0.00, 0.65, 0.66, 0.13
HSL	1°, 70%, 58%
HSV	1°, 66%, 87%
XYZ	34.3553, 21.5037, 8.9965
YIQ	120.4260, 87.6580, 30.3300

Conversions

Conversions Part 2

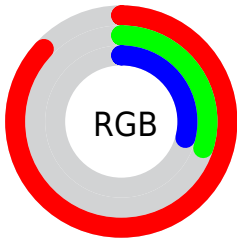
Format	Color
RYB	223, 77, 75
Decimal	14634315
CIELab	53.50, 56.61, 32.71
CIELCh	53, 65.382, 30.022
Yxy	21.5049, 0.5297, 0.3316
Android (android.graphics.Color)	4292824395 (0xFFDF4D4B)
YUV	120.4260, -22.3950, 89.9574
Hunter-Lab	46.3721, 51.0925, 20.9578

Details

The HunterLab color **46.3721, 51.0925, 20.9578** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **76.5059, -35.7182, -7.5848**, and the grayscale version is **43.5656, -2.3245, 2.3670**.

A 20% lighter version of the original color is **62.8413, 41.3281, 21.4549**, and **27.9008, 47.1357, 15.2628** is the 20% darker color. If you saturate the color by 10%, you get **43.2154, 58.3397, 23.0788**, and if you desaturate by 10%, it is **50.4792, 42.7287, 18.4834**.

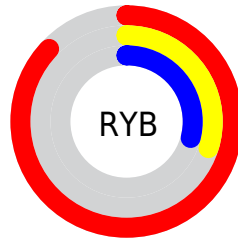
Distribution



Red (87%)

Green (30%)

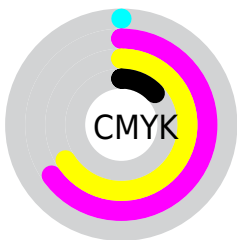
Blue (29%)



Red (87%)

Yellow (30%)

Blue (29%)

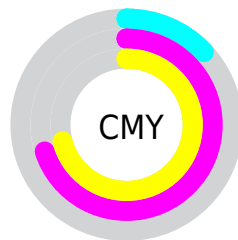


Cyan (0%)

Magenta (65%)

Yellow (66%)

Black (13%)



Cyan (13%)

Magenta (70%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.3721, 51.0925, 20.9578 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 46.3721, 51.0925, 20.9578 by changing the saturation by 10% instead.

■ 46.3721, 51.0925,
20.9578

■ 46.3721, 51.0925,
20.9578

161.2296, 64.6785,
41.6774

■ 36.7336, 49.0897,
18.2206

■ 67.7690, 54.7895,
26.0313

■ 27.8735, 47.0263,
15.2914

■ 79.4389, 56.4826,
28.4229

■ 19.8688, 44.9860,
12.2807

■ 91.7109, 58.0741,
30.7439

■ 12.8232, 43.2336,
8.9762

■ 104.5569, 59.5686,
33.0080

■ 6.2227, 49.8019,
4.3559

■ 117.9523, 60.9714,
35.2257

0.0000, INF, NaN

0.0000, NaN, NaN

131.8754, 62.2874,

37.4056

0.0000, NaN, NaN

146.3070, 63.5216,
39.5544

0.0000, NaN, NaN

■ 46.3721, 51.0925,
20.9578

■ 46.3721, 51.0925,
20.9578

■ 43.2154, 58.3397,
23.0788

■ 50.4792, 42.7287,
18.4834

■ 41.0758, 63.7660,
24.6151

■ 55.4166, 33.9088,
15.8654

■ 39.9317, 66.8856,
25.4312

■ 61.0599, 25.0729,
13.2524

■ 39.6908, 67.5462,
25.6398

■ 67.2943, 16.4664,
10.7266

■ 74.0224, 8.1941,
8.3232

■ 81.1658, 0.2786,
6.0498

■ 88.6620, -7.2995,
3.8996

■ 96.4614, -14.5771,
1.8597

■ 97.1740, -15.3109,
1.8859

Harmonies

Analogous

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



46.3734, 61.1017, 2.5427



46.3721, 51.0925, 20.9578



46.3734, 26.1739, 28.0711

Triad

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



46.3734, 51.0883, 20.9586



46.3734, -39.1960, 20.9417



46.3734, -2.4574, -78.0861

Complementary

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



46.3721, 51.0925, 20.9578



76.5059, -35.7182, -7.5848

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.



46.3734, -25.5129, -63.1508



46.3721, 51.0925, 20.9578



46.3734, -43.5672, 2.5057

Square

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



46.3734, 51.0883, 20.9586



46.3734, -25.5397, 28.0659



46.3734, -39.1832, -29.2979



46.3734, 26.2154, -63.1107

Rectangle

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



46.3721, 51.0925, 20.9578



46.3734, 6.7916, 29.4978



46.3734, -39.1832, -29.2979



46.3734, -11.0701, -76.3245

Sweetspot

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



46.3734, 51.0883, 20.9586



83.1476, 13.1325, 10.7297



51.0370, 72.5005, -48.3824



37.4426, 7.3385, 5.3310

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.3734, 51.0883, 20.9586



49.1079, 70.8903, 27.7198



61.3928, 15.9824, 31.6810



37.0542, 1.2581, 3.1627



30.4567, 51.7206, 19.6727



8.0849, 13.3918, 5.2163

Inverse Universe

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



76.5059, -35.7182, -7.5848



88.1419, -44.2864, -10.1021



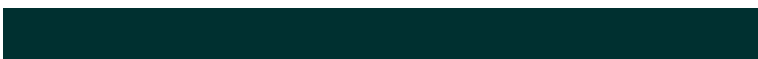
53.2151, -2.6662, -45.0369



39.4192, -5.1361, 1.0556



57.6504, -30.0366, -7.2177



15.2122, -7.9487, -1.8549

Previews

White Background



This preview shows how the HunterLab color 46.3721, 51.0925, 20.9578 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 46.3721, 51.0925, 20.9578 looks on a black 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 × Fail

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

HunterLab 46.3721, 51.0925, 20.9578 Background



This preview shows how black text looks on a background with the HunterLab color 46.3721, 51.0925, 20.9578.



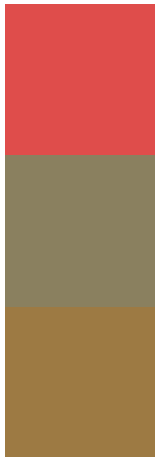
This preview shows how white text looks on a background with the HunterLab color 46.3721, 51.0925,

20.9578.

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

46.3721, 51.0925, 20.9578

Protanopia

46.5487, -3.7466, 14.8276

Deuteranopia

46.3599, 3.1045, 21.8299



Tritanopia

46.2991, 51.8474, 19.7180

Trichromacy



Original Color

46.3721, 51.0925, 20.9578

Protanomaly

44.8072, 15.5727, 15.6659

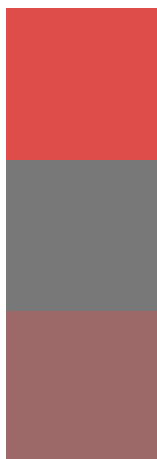
Deuteranomaly

45.3586, 20.2470, 20.7302

Tritanomaly

46.2676, 51.7119, 20.1788

Monochromacy



Original Color

46.3721, 51.0925, 20.9578

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

42.5067, 15.2844, 8.1922

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.3721, 51.0925, 20.9578 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(223, 77, 75)` looks like.

```
.text, #text, p{  
    color:rgb(223, 77, 75)  
}
```

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(223, 77, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 77, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 46.3721, 51.0925, 20.9578 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(223, 77, 75) }
```


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

```
.border{ border-color:rgb(223, 77, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 77, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 77, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 77, 75);  
box-shadow:4px 4px 4px 4px rgb(223, 77,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.3721, 51.0925, 20.9578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 77, 75) }
```

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

```
.background{ background-color: rgb(223, 77,  
75) }
```

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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